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Service Manual

•GEH-M2000/UC

ORDER NO.
CRT1471

MULTI-CD CONTROL FM/AM RECEIVER

GEH-M2000 UC, EW, IT
GEH-M2000SDK WG
GEH-M2050 ES

• This additional service manual is designed to be used together with Model KEH-M5500/UC(KEH-M4500SDK/WG)Service Manual CRT1474(CRT1473). Refer to it for adjustment and IC's, etc. which are not shown in this manual.

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FU MAY 1992 Printed in Japan

1. DISASSEMBLY

• Removing the case

1. Insert and turn a tweezers at locations indicated by arrows to remove the case.

• Removing the grille assy

1. Press the detach button, and then pull grille assy.

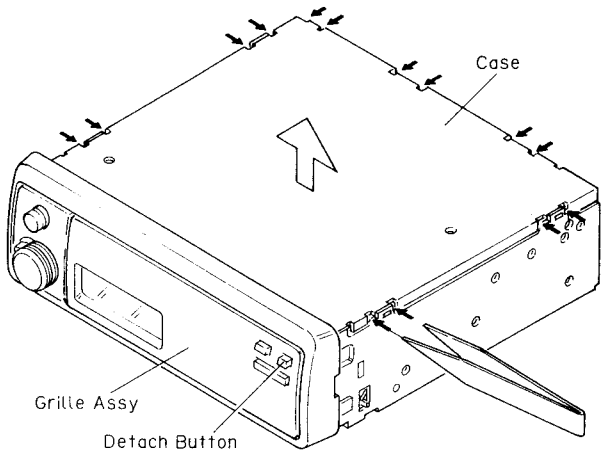


Fig. 1

• Removing the panel assy

1. Disconnect a connector.
2. Remove the three knobs.
3. Press tabs at four locations indicated by arrows.
4. Remove the panel assy.

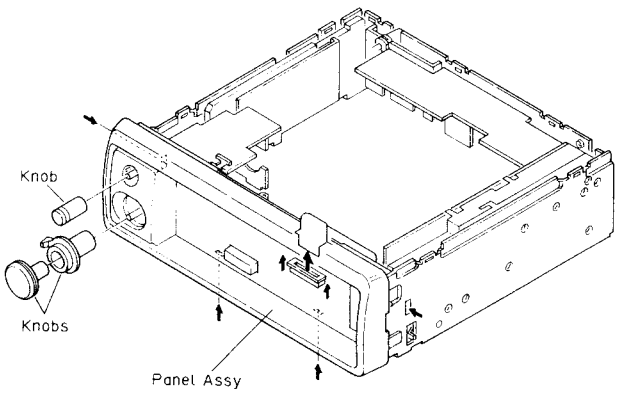


Fig. 2

• Removing the chassis unit

1. Remove the eight screws.
2. Unbend the claw indicated by arrow until straight.
3. Remove the chassis unit.

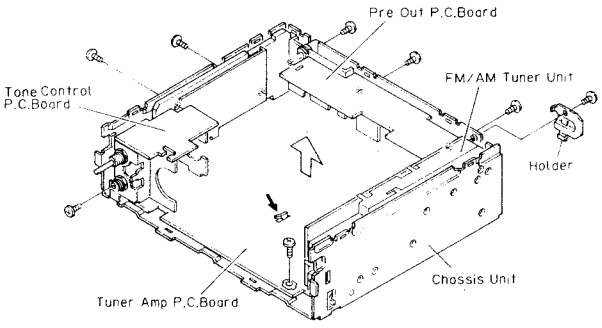


Fig. 3

2. BLOCK DIAGRAM

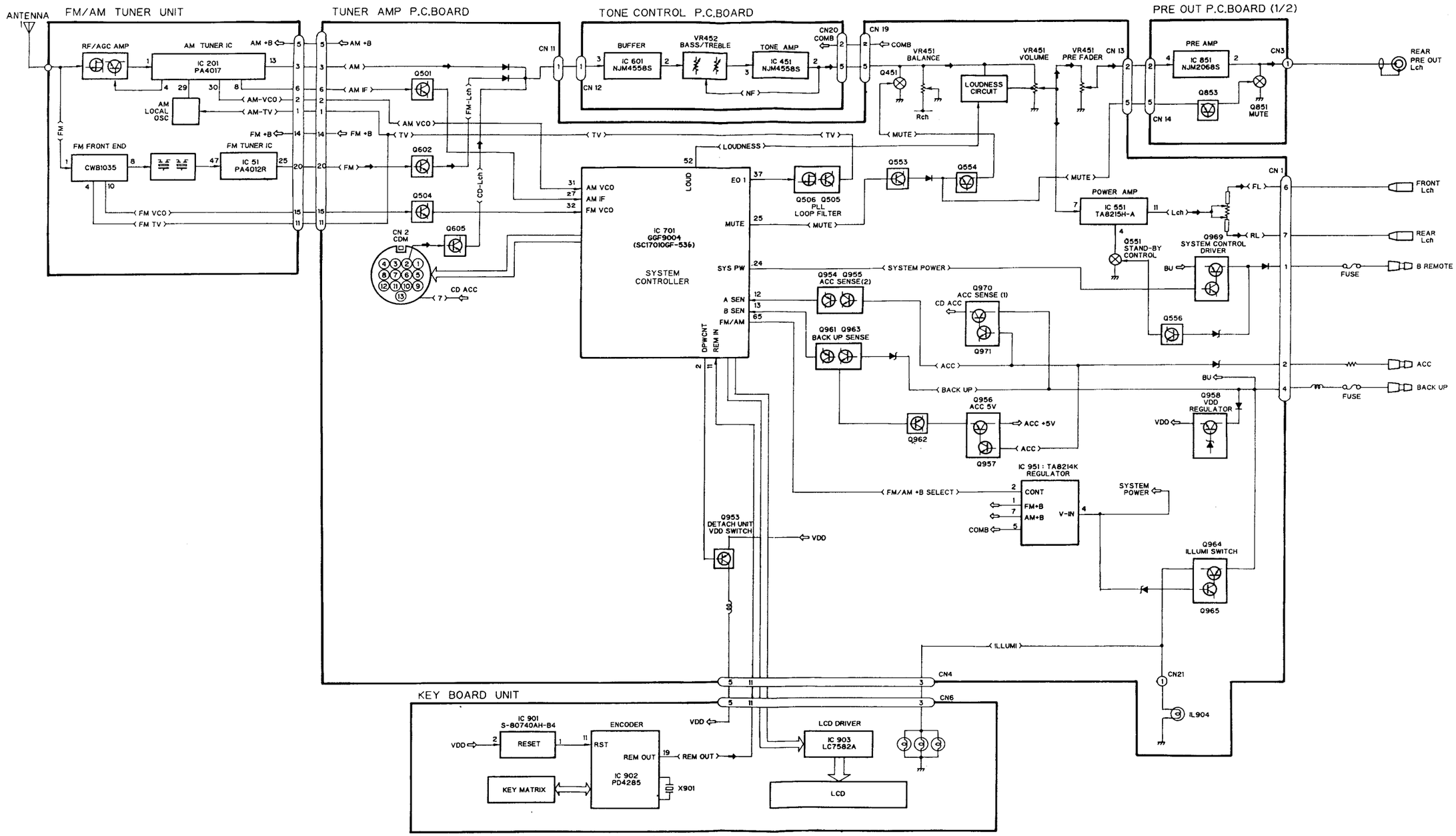


Fig. 4

3. ELECTRICAL PARTS LIST

NOTE:

- *Parts whose parts numbers are omitted are subject to being not supplied.*
- *The part numbers shown below indicate chip components.*

Chip Resistor

RS1/□S□□□J,RS1/□□S□□□J

Chip Capacitor (except for CQS.....)

CKS....., CCS....., CSZS.....

GEH-M2000/UC

Unit Number :
Unit Name : FM/AM Tuner Unit

MISCELLANEOUS

======Circuit Symbol & No. Part	Name======	Part No.
IC 51		PA4012B
IC 201		PA4017
Q 1		2SB709
Q 2		DTC124EK
Q 3		2SA1162
Q 201		2SK435
Q 202		2SC2412K
Q 203 205		DTC124EK
D 11 12		1SV128A-BB
D 201 204		MA157-MR
D 205		SVC203-M1
L 1 51	Inductor	CTF1241
L 11 12	Inductor	CTF1065
L 101	Inductor	CTF1170
L 201	Ferri-Inductor	CTF1026
L 203	Ferri-Inductor	LAU220K
L 204	Ferri-Inductor	LAU470K
L 205	Ferri-Inductor	LAU4R7K
T 51	Coil	CTC1065
T 201	Coil	CTB1020
T 202	Coil	CTB1004
T 203	Coil	CTB1040
T 204	Coil	CTE1037
T 205	Coil	CTE1038
T 206	Coil	CTE1039
CG 1		DSP-201M-S00B
CF 51 52	Ceramic Filter	CTF-182
CF 201	Ceramic Filter	CTF1041
CF 202	Filter	CTF1085
X 151	Ceramic Resonator	CSS1055
X 201	Crystal Resonator	CSS1014
VR 1	Semi-fixed 100kΩ (B)	CCP1025
VR 51 101 102	Semi-fixed 33kΩ (B)	VRTB4VS333
	FM Front End	CWB1035

RESISTORS

R 2 7	RS1/10S223J
R 3	RS1/10S683J
R 4	RS1/10S682J
R 5	RS1/10S0R0J
R 6 59	RS1/10S331J
R 8	RS1/10S331J
R 9 58	RS1/10S223J
R 10 14	RS1/10S0R0J
R 11	RS1/10S104J
R 12	RS1/10S470J

======Circuit Symbol & No. Part	Name======	Part No.
R 15		RS1/10S0R0J
R 54		RS1/10S472J
R 56		RS1/10S822J
R 64		RS1/10S222J
R 101		RS1/10S471J
R 102		RS1/10S822J
R 104		RS1/10S563J
R 105		RS1/10S332J
R 106		RS1/10S333J
R 107		RS1/10S102J
R 108		RS1/10S104J
R 111		RS1/10S123J
R 112		RS1/10S684J
R 151 152		RS1/10S152J
R 153		RS1/10S222J
R 201		RS1/10S220J
R 202		RS1/10S681J
R 203 206 214		RS1/10S222J
R 204 213		RS1/10S473J
R 205 209		RS1/10S470J
R 207		RS1/10S822J
R 208 211 212		RS1/10S103J
R 210		RS1/10S682J
R 215		RS1/10S153J

CAPACITORS

C 1	CKSQYB102K50
C 2 3 104	CKSQYB103K50
C 4 59	CKSQYF473Z25
C 11 12 13 14	CCSQCH220J50
C 15	CKSQYB223K25
C 51	CKSQYF473Z25
C 52 53	CKSQYF473Z25
C 54	CCSQSL101J50
C 55	CKSQYB102K50
C 56	CKSQYF104Z25
C 57	CEAR68M50LL
C 58	CCSQCH150J50
C 60	CEALNP100M6R3
C 101	CKSQYB392K50
C 102	CKSQYB682K50
C 103	CKSQYB392K50
C 105	CEA2R2M50LL
C 106	CEA4R7M35LL
C 107 108	CKSQYB222K50
C 110	CEA010M50LL
C 111	CEA100M16LL
C 112	CEA0R1M50LL
C 151 152	CKSQYB563K25
C 153	CSZAR47M35L
C 154 155 156	CEA3R3M50LL
C 157	CEA1001M10LL
C 201 223 228	CKSQYB103K25
C 202 212	CKSQYB332K50
C 203 215 216 219 226	CKSQYF473Z25
C 204 208 210	CKSQYB223K25

======Circuit Symbol & No.	Part Name======	Part No.
C 205		CCSQCH220J50
C 206 207		CCSQCH820J50
C 211		CEA2R2M50LL
C 213		CCSQCH390J50
C 217		CEA100M16LL
C 218		CEA2R2M35NPLL
C 220		CCSQCH430J50
C 221		CCSQCH100D50
C 222		CSZA010K35L
C 224		CEA470M16LL
C 225		CKSQYB333K25
C 227		CEA4R7M35LL
C 229		CEA470M16LL
C 230		CEA220M16LL

Tuner Amp Unit
Consists of
Tuner Amp P.C.Board
Tone Control P.C.Board
Pre Out P.C.Board

Unit Number :
Unit Name : Tuner Amp Unit

MISCELLANEOUS

IC 451 601		NJM4558S
IC 452		NJM4558S
IC 551		TA8215H
IC 701	(SC17010GF-536)	GGF9004
IC 851		NJM2068S
IC 951		TA8214K
Q 451		2SD1920
Q 452 453 454		2SD1920
Q 455 553		DTC124ES
Q 456 554 604 954 961		DTA114ES
Q 501		2SC3113
Q 502 505 556 603 955 957 963 971		2SC2458
Q 503 951		DTC114TS
Q 504		2SC2498
Q 506		2SK330
Q 551		DTC114YS
Q 601 602		2SC4116
Q 605 606		2SC3327
Q 701 953		2SA1048
Q 851 852		DTC314TS
Q 853		DTA114ES
Q 952		2SB1243
Q 956 962		DTA143ZS
Q 958		2SD1859
Q 964 970		2SB1238
Q 965		DTC114ES
Q 968		DTC114ES
Q 969		2SB1240
D 501 502 551 555 558 559		1SS270
D 503		HZS3R0EB2
D 554		ERC04-02F
D 561		HZS7R5JB3
D 601 602		MA700
D 603 604 701 703		1SS270
D 605		HZS6R8JB2
D 706		1SS270
D 951		HZS6LB1
D 952		HZS6LB1
D 953 955 956		ERA15-02VH
D 954		HZS7LC2
D 957		HZS7LA1
L 701	Ferri-Inductor	LAU2R2M
L 702	Ferri-Inductor	LAU101K
L 951	Ferri-Inductor	LAU150K
L 952	Ferri-Inductor	CTF1202

======Circuit Symbol & No.	Part Name======	Part No.
L 953	Coil	CTF1135
TC 701	Trimmer	CCG-070
IB 701		CWW1302
IB 702		CWW1240
IB 703		CWW1306
IB 951		CWW1301
IB 952		CWW1128
IB 953		CWW1292
IB 954		CWW1291
X 701	Crystal Resonator	CSS1011
S 951	Switch	CSG1020
IL 904	Lamp14V40mA	CEL1269
VR 451		CCS1200
VR 452		CCS1199
EF 951		CCG1003

RESISTORS

R 451 452 453 454	RD1/4PS153JL
R 455 456 457 458	RS1/10S332J
R 459 501 572 710 955 956 968	RS1/10S103J
R 460	RS1/8S123J
R 461 462 463 464 469 470	RS1/10S222J
R 465 466 529 569 570 994 995	RS1/8S0R0J
R 467	RS1/10S683J
R 468	RS1/8S683J
R 471 472 505 561	RS1/10S221J
R 473 474 525 573 615 967	RS1/10S102J
R 475	RD1/4PM472J
R 476	RS1/10S0R0J
R 477 478	RS1/10S0R0J
R 480 527 567 568 993	RS1/10S0R0J
R 502 506	RD1/4PS222JL
R 503	RD1/4PS223JL
R 504 971 972 973 974	RD1/4PS103JL
R 507	RD1/4PS392JL
R 508	RS1/10S823J
R 509 715	RD1/4PS473JL
R 510 975	RD1/4PS472JL
R 511 520 951	RS1/8S102J
R 512	RS1/8S222J
R 514 957 986	RS1/10S563J
R 515 617 706 708 965 966	RS1/10S473J
R 516	RS1/10S182J
R 517	RS1/10S103J
R 518	RS1/10S331J
R 519 953 960 989	RS1/8S472J
R 521	RS1/10S152J
R 522 526 607 608 609 610	RS1/10S222J
R 523	RS1/8S821J
R 524	RS1/8S101J
R 551 552	RD1/4PM102J
R 553 554	RS1/10S471J
R 555 556 557 558	RD1/4PS4R7JL
R 559	RD1/4PM223J
R 562 571 616 958 963 978 983 984 987	RS1/10S472J
R 564	RD1/4PM223J
R 601 602 603 604	RS1/10S473J
R 605 606	RS1/10S104J
R 611 612 613 614	RS1/10S113J
R 701 702 703 704	RS1/10S681J
R 707 856	RD1/4PS104JL
R 709 970	RS1/8S103J
R 851 852 853 854	RS1/10S102J
R 855	RS1/10S104J
R 857 858	RS1/10S682J
R 859 860	RS1/10S471J
R 861 862	RS1/10S223J

Circuit Symbol & No.	Part Name	Part No.
R 863		RS1/10S103J
R 864		RS1/10S123J
R 865		RS1/10S470J
R 952		RD1/2PS681JL
R 954 961		RS1/8S473J
R 959		RS1/10S104J
R 962		RD1/4PM473J
R 964		RD1/4PS220JL
R 969		RS1/8S474J
R 976 977		RS1/10S1R0J
R 979		RD1/4PS122JL
R 982		RD1/4PS122JL
R 985		RD1/4PS222JL
R 990		RS1/8S1R0J
CAPACITORS		
C 451 452 603 604		CCSQCH330J50
C 453 454		CKSQYB332K50
C 455 456		CKSQYB333K25
C 457 458 607 608		CEA4R7M35LS
C 459 460		CCSQCH330J50
C 461 462		CEAR33M50LS2
C 463 564 957		CEA100M16LS2
C 501		CASAQ100M10
C 502	0.047 μF/16V	CCG1008
C 503 511		CKSQYB103K25
C 504 505 506 508		CKPYY103M16L
C 507		CKSYB473K25
C 509		CKSYB103K25
C 510		CCSQCH101J50
C 512		CKSQYB681K50
C 513		CCSCH101J50
C 514	4.7 μF/16V	CCH1005
C 551 552		CEHAS3R3M50
C 553 554		CKSQYB102K50
C 555 556		CEHAS330M10
C 557 558 559 560		CFTNA224J50
C 561		CEA100M16LS2
C 563		CEA101M16L2
C 565		CEA101M10L2
C 566	4700 μF/16V	CCH1068
C 601 602		CEA2R2M35NPLL
C 605		CEA101M10LS
C 606		CEAS100M16
C 609		CKSQYB103K25
C 702		CASAQ4R7M10
C 703		CKPYB102K50L
C 704		CCSQCH100D50
C 708 953 961		CKSQYB473K25
C 851 852		CEA2R2M50LS2
C 853 854		CCSQCH101J50
C 855		CEA221M10
C 856		CEA100M16LS2
C 857 858		CEA4R7M35LS
C 859		CKSQYB103K25
C 861 862		CEA330M16L2
C 951 952		CEA470M10L2
C 954		CEA221M16L2
C 955		CKSYF105Z25
C 956		CEA331M10L2
C 958		CEA102M6R3L2
C 959 960 963		CEA101M10L2
C 962		CEA470M16

Circuit Symbol & No.	Part Name	Part No.
Unit Number :		
Unit Name : Key Board Unit		
MISCELLANEOUS		
IC 901		S-80740AH-B4
IC 902		PD4285
IC 903		LC7582A
D 901 902 903 904 905		MA143-MC
L 901	Inductor	LCTA101J3225
X 901		CSS1069
IL 901 902 903	Lamp16V40mA	CEL1249
	LCD	CAW1168
RESISTORS		
R 901 902 903 904 905		RS1/8S103J
R 906		RS1/10S104J
R 907		RS1/10S473J
R 908		RS1/10S103J
R 909 910 911 912 913 914 915 916 917		RS1/10S471J
CAPACITORS		
C 902		CKSYF105Z25
C 903		CCSQCH331J50
C 904 905		CKSYB103K50
C 906 907		CCSQCH221J50
C 908 909 910 911 912		CKSYB152K50
GEH-M2000SDK/WG		
Unit Number :		
Unit Name : FM/AM Tuner Unit		
MISCELLANEOUS		
IC 51		PA4012B
IC 201		PA4017
Q 1		2SB709
Q 2		DTC124EK
Q 51		DTA114TK
Q 201		2SK435
Q 202		2SC2412K
Q 203 205		DTC124EK
D 201 204		MA157-MR
D 205		SVC203-M1
L 1 51	Inductor	CTF1241
L 2	Inductor	CTF1086
L 101	Inductor	CTF1170
L 201	Ferri-Inductor	CTF1084
L 203	Ferri-Inductor	LAU220K
L 204	Ferri-Inductor	LAU470K
L 205	Ferri-Inductor	LAU4R7K
T 51	Coil	CTC1021
T 52	Coil	CTC1022
T 201	Coil	CTB1020
T 202	Coil	CTB1004
T 203	Coil	CTB1040
T 204	Coil	CTE1037
T 205	Coil	CTE1038
T 206	Coil	CTE1039
CG 1		DSP-201M-S00B
CF 51 52	Ceramic Filter	CTF-182
CF 201	Ceramic Filter	CTF1041
CF 202	Filter	CTF1085
X 151	Ceramic Resonator	CSS1055
X 201	Crystal Resonator	CSS1014
VR 1	Semi-fixed 10kΩ(B)	CCP1019
VR 51 101 102	Semi-fixed 33kΩ(B)	VRTB4VS333
	FM Front End	CWB1035

Circuit Symbol & No.	Part Name	Part No.
RESISTORS		
R 2 7		RS1/10S223J
R 3		RS1/10S124J
R 4		RS1/10S682J
R 5		RS1/10S0R0J
R 6 59		RS1/10S331J
R 10		RS1/10S560J
R 13		RS1/10S0R0J
R 15		RS1/10S0R0J
R 54		RS1/10S472J
R 56 58		RS1/10S393J
R 57		RS1/10S562J
R 60		RS1/10S473J
R 61		RS1/10S332J
R 64		RS1/10S222J
R 101		RS1/10S331J
R 102		RS1/10S822J
R 104		RS1/10S563J
R 105		RS1/10S332J
R 106		RS1/10S333J
R 107		RS1/10S102J
R 108		RS1/10S104J
R 111		RS1/10S123J
R 112		RS1/10S684J
R 151 152		RS1/10S222J
R 153		RS1/10S222J
R 201		RS1/10S220J
R 202		RS1/10S681J
R 203 206 214		RS1/10S222J
R 204 213		RS1/10S473J
R 205 209		RS1/10S470J
R 207		RS1/10S822J
R 208 211 212		RS1/10S103J
R 210		RS1/10S682J
R 215		RS1/10S153J
CAPACITORS		
C 1		CKSQYB102K50
C 2 3 104		CKSQYB103K50
C 4 59		CKSQYF473Z25
C 51		CKSQYF473Z25
C 52 53		CKSQYF473Z25
C 54		CCSQSL101J50
C 55		CKSQYB102K50
C 56		CKSQYF104Z25
C 57		CSZAR33K35
C 58		CCSQCH060D50
C 60		CEALNP100M6R3
C 101		CKSQYB822K50
C 102		CKSQYB682K50
C 103		CKSQYB392K50
C 105		CEA2R2M50LL
C 106		CEA4R7M35LL
C 107 108		CKSQYB222K50
C 110		CEA010M50LL
C 111		CEA100M16LL
C 112		CEA0R1M50LL
C 151 152		CKSQYB273K25
C 153		CSZAR47M35L
C 154 155 156		CEA3R3M50LL
C 157		CEA101M10LL
C 201 223 228		CKSQYB103K25
C 202 212		CKSQYB332K50
C 203 215 216 219 226		CKSQYF473Z25
C 204 208 210		CKSQYB223K25
C 205		CCSQCH220J50
C 206 207		CCSQCH820J50

Circuit Symbol & No.	Part Name	Part No.
C 211		CEA2R2M50LL
C 213		CCSQCH390J50
C 217		CEA100M16LL
C 218		CEA2R2M35NPLL
C 220		CCSQCH430J50
C 221		CCSQCH100D50
C 222		CSZA010K35L
C 224		CEA470M16LL
C 225		CKSQYB333K25
C 227		CEA4R7M35LL
C 229		CEA470M16LL
C 230		CEA220M16LL

Tuner Amp Unit
Consists of
Tuner Amp P.C.Board
Tone Control P.C.Board
Pre Out P.C.Board

Unit Number :		
Unit Name : Tuner Amp Unit		
MISCELLANEOUS		
IC 451 601		NJM4558S
IC 452		NJM4558S
IC 551		TA8215H
IC 701	SC17010GF-537	GGF9005
IC 751		KHAC02
IC 851		NJM2068S
IC 951		TA8214K
Q 451		2SD1920
Q 452 453 454 752		2SD1920
Q 455 553 753		DTC124ES
Q 456 554 604 954 961		DTA114ES
Q 501		2SC3113
Q 502 505 556 603 751 955 957 963 971		2SC2458
Q 503 507 951		DTC114TS
Q 504		2SC2498
Q 506		2SK330
Q 551		DTC114YS
Q 601 602		2SC4116
Q 605 606		2SC3327
Q 701 953		2SA1048
Q 851 852		DTC314TS
Q 853		DTA114ES
Q 952		2SB1243
Q 956 962		DTA143ZS
Q 958		2SD1859
Q 964 970		2SB1238
Q 965		DTC114ES
Q 968		DTC114ES
Q 969		2SB1240
D 501 502 551 555 558 559		1SS270
D 503		HZS3R0EB2
D 554		ERC04-02F
D 561		HZS7R5JB3
D 601 602		MA700
D 603 604 701 703		1SS270
D 605		HZS6R8JB2
D 709		1SS270
D 951		HZS6LB1
D 952		HZS6LB1
D 953 955 956		ERA15-02VH
D 954		HZS7LC2
D 957		HZS7LA1
L 701	Ferri-Inductor	LAU2R2M
L 702	Ferri-Inductor	LAU101K
L 951	Ferri-Inductor	LAU150K

Circuit Symbol & No.	Part Name	Part No.
L 952	Ferri-Inductor	CTF1202
L 953	Coil	CTF1135
IB 701		CWW1302
IB 702		CWW1240
IB 703		CWW1306
IB 951		CWW1301
IB 952		CWW1128
IB 953		CWW1292
IB 954		CWW1291
X 701	Crystal Resonator	CSS1011
X 751	Crystal Resonator	CSS1019
S 951	Switch	CSG1020
IL 904	Lamp14V40mA	CEL1268
VR 451		CCS1200
VR 452		CCS1199
EF 951		CCG1003
RESISTORS		
R 451 452 453 454		RD1/4PS153JL
R 455 456 457 458		RS1/10S332J
R 459 501 572 710 955 956 968		RS1/10S103J
R 460		RS1/8S123J
R 461 462 463 464 469 470		RS1/10S222J
R 465 466 529 569 570 994 995		RS1/8S0R0J
R 467		RS1/10S683J
R 468		RS1/8S683J
R 471 472 505 561		RS1/10S221J
R 473 474 525 573 615 967		RS1/10S102J
R 475		RD1/4PM472J
R 477 478 753		RS1/10S222J
R 480 527 567 568 758 993		RS1/10S0R0J
R 502 506		RD1/4PS222JL
R 503		RD1/4PS223JL
R 504 971 972 973 974		RD1/4PS103JL
R 507		RD1/4PS392JL
R 508		RS1/10S823J
R 509 715		RD1/4PS473JL
R 510 975		RD1/4PS472JL
R 511 520 951		RS1/8S102J
R 512		RS1/8S222J
R 514 957 986		RS1/10S563J
R 515 617 706 708 965 966		RS1/10S473J
R 516		RS1/10S182J
R 517		RS1/10S101J
R 518		RS1/10S331J
R 519 953 960 989		RS1/8S472J
R 521		RS1/10S152J
R 522 526 607 608 609 610		RS1/10S222J
R 523		RS1/8S821J
R 524		RS1/8S101J
R 551 552		RD1/4PM102J
R 553 554		RS1/10S431J
R 555 556 557 558		RD1/4PS4R7JL
R 559		RD1/4PM223J
R 562 571 616 757 958 963 978 983 984 987		RS1/10S472J
R 564		RD1/4PM222J
R 566		RS1/8S0R0J
R 601 602 603 604 751		RS1/10S473J
R 605 606		RS1/10S104J
R 611 612 613 614		RS1/10S113J
R 701 702 703 704		RS1/10S681J
R 707 856		RD1/4PS104JL
R 709 970		RS1/8S103J
R 752		RD1/4PS684JL
R 754		RD1/4PS102JL
R 755		RS1/8S474J
R 756		RS1/10S474J
R 851 852 853 854		RS1/10S102J

Circuit Symbol & No.	Part Name	Part No.
R 855		RS1/10S104J
R 857 858		RS1/10S822J
R 859 860		RS1/10S471J
R 861 862		RS1/10S223J
R 863		RS1/10S103J
R 864		RS1/10S123J
R 865		RS1/10S470J
R 952		RD1/2PS681JL
R 954 961		RS1/8S473J
R 959		RS1/10S104J
R 962		RD1/4PM473J
R 964		RD1/4PS220JL
R 969		RS1/8S474J
R 976 977		RS1/10S1R0J
R 979		RD1/4PS122JL
R 982		RD1/4PS122JL
R 985		RD1/4PS222JL
R 990		RS1/8S1R0J
CAPACITORS		
C 451 452 603 604		CCSQCH330J50
C 453 454		CKSQYB332K50
C 455 456		CKSQYB333K25
C 457 458 607 608		CEA4R7M35LS
C 459 460		CCSQCH330J50
C 461 462		CEAR33M50LS2
C 463 564 957		CEA100M16LS2
C 501		CASAQ100M10
C 502	0.047 μF/16V	CCG1008
C 503 511		CKSQYB103K25
C 504 505 506 508		CKPYY103M16L
C 507		CKSYB473K25
C 509		CKSYB103K25
C 510		CCSQCH101J50
C 512		CKSQYB681K50
C 513		CCSCH101J50
C 514	4.7 μF/16V	CCH1005
C 515		CEAR47M50LS2
C 551 552		CEHAS3R3M50
C 553 554		CKSQYB102K50
C 555 556		CEHAS330M10
C 557 558 559 560		CFTNA224J50
C 561		CEA100M16LS2
C 563		CEA101M16L2
C 565		CEA101M10L2
C 566	4700 μF/16V	CCH1068
C 601 602		CEA010M50NPLL
C 605		CEA101M10LS
C 606		CEAS100M16
C 609		CKSQYB103K25
C 702		CASAQ4R7M10
C 703		CKPYB102K50L
C 704		CCSQCH100D50
C 705		CCSQCH090D50
C 708 953 961		CKSQYB473K25
C 751 755		CEA470M10L2
C 752		CKSQYB103K25
C 753		CQMA683J50
C 754		CEAR33M50LS2
C 756		CEA4R7M35LS
C 757		CKSQYB102K50
C 758		CKSQYB332K50
C 851 852		CEA2R2M50LS2
C 853 854		CCSQCH101J50
C 855		CEA221M10

Circuit Symbol & No.	Part Name	Part No.
C 856		CEA100M16LS2
C 857 858		CEA4R7M35LS
C 859		CKSQYB103K25
C 861 862		CEA330M16L2
C 951 952		CEA470M10L2
C 954		CEA221M16L2
C 955		CKSYF105Z25
C 956		CEA331M10L2
C 958		CEA102M6R3L2
C 959 960 963		CEA101M10L2
C 962		CEA470M16

Unit Number :
Unit Name : Key Board Unit

MISCELLANEOUS

IC 901		S-80740AH-B4
IC 902		PD4285
IC 903		LC7582A
D 901 902 903 904 905		MA143-MC
L 901	Inductor	LCTA101J3225
X 901		CSS1069
IL 901 902 903	Lamp16V40mA LCD	CEL1208 CAW1168
RESISTORS		
R 901 902 903 904 905		RS1/8S103J
R 906		RS1/10S104J
R 907		RS1/10S473J
R 908		RS1/10S103J
R 909 910 911 912 913 914 915 916 917		RS1/10S471J
CAPACITORS		
C 902		CKSYF105Z25
C 903		CCSQCH331J50
C 904 905		CKSYB103K50
C 906 907		CCSQCH221J50
C 908 909 910 911 912		CKSYB152K50

●The GEH-M2000/EW,GEH-M2000/IT,GEH-M2050/ES Parts Lists enumerate the parts which differ from those enumerated in the GEH-M2000/UC Parts List only.
The parts other than those enumerated in the former are indentical with those in the latter, to which you are requested to refer,accordingly.
The GEH-M2000/UC Parts List is given on page 5.

FM/AMTuner Unit

Circuit Symbol & No.	M2000/UC Part No.	M2000/EW Part No.	M2000/IT Part No.	M2050/ES Part No.
D 11 12	1SV128A-BB	·····	·····	·····
Q 3	2SA1162	·····	·····	·····
VR 1	CCP1025	CCP1019	CCP1019	CCP1019
L 2	·····	CTF1086	CTF1086	·····
L 11 12	CTF1065	·····	·····	·····
L 201	CTF1026	CTF1084	CTF1084	CTF1026
R 3	RS1/10S683J	RS1/10S124J	RS1/10S124J	RS1/10S124J
R 8	RS1/10S331J	·····	·····	·····
R 9	RS1/10S223J	·····	·····	·····
R 10	RS1/10S0R0J	RS1/10560J	RS1/10560J	RS1/10S0R0J
R 11	RS1/10S104J	·····	·····	·····
R 12	RS1/10S470J	·····	·····	·····
R 13	·····	RS1/10S0R0J	RS1/10S0R0J	RS1/10S0R0J
R 14	RS1/10S0R0J	·····	·····	RS1/10S0R0J
R 58	RS1/10S223J	RS1/10S393J	RS1/10S393J	RS1/10S223J
R 61	·····	RS1/10S332J	RS1/10S332J	·····
R 101	RS1/10S471J	RS1/10S331J	RS1/10S331J	RS1/10S471J
R 151 152	RS1/10S152J	RS1/10S222J	RS1/10S222J	RS1/10S152J
C 11 12 13 14	CCSQCH220J50	·····	·····	·····
C 15	CKSQYB223K25	·····	·····	·····
C 57	CEAR68M50LL	CSZAR33K35	CSZAR33K35	CSZAR33K35
C 101	CKSQYB223K25	CKSQYB822K50	CKSQYB822K50	CKSQYB223K25
C 151 152	CKSQYB563K25	CKSQYB273K25	CKSQYB273K25	CKSQYB563K25

Tuner Amp Unit,Key Board Unit

Circuit Symbol & No.	GEH-M2000/UC Part No.	GEH-M2000/EW Part No.	GEH-M2000/IT Part No.	GEH-M2050/ES Part No.
TC 701	CCG-070	·····	·····	CCG-070
IC 701	GGF9004 (SC17010GF-536)	GGF9005 (SC17010GF-537)	GGF9005 (SC17010GF-537)	GGF9004 (SC17010GF-536)
IL904 Lamp	CEL1269	CEL1268	CEL1267	CEL1269
D 706	1SS270	·····	·····	·····
D 707	·····	·····	·····	1SS270
C 515	·····	CEAR47M50LS2	CEAR47M50LS2	·····
C 705	·····	CCSQCH090D50	CCSQCH090D50	·····
Q 505	·····	DTC114TS	DTC114TS	·····
IL901,902,903 Lamp	CEL1249	CEL1208	CEL1228	CEL1249

4. CONNECTION DIAGRAM (GEH-M2000/UC, GEH-M2050/ES)

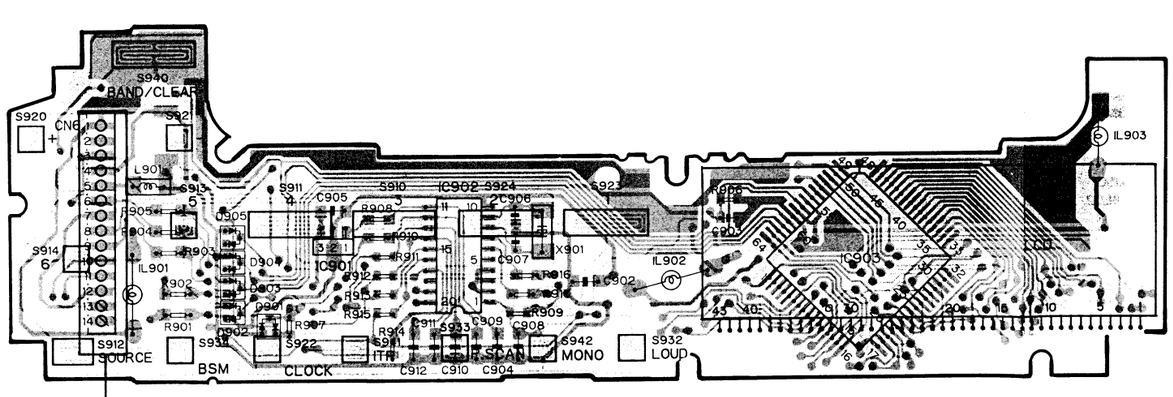
PRE OUT P. C. BOARD IC 851

1	2	3	4	5	6	7	8	9
8.1V	4.4V	4.4V	4.3V	0V	4.3V	4.4V	4.4V	

TUNER AMP P. C. BOARD IC 551

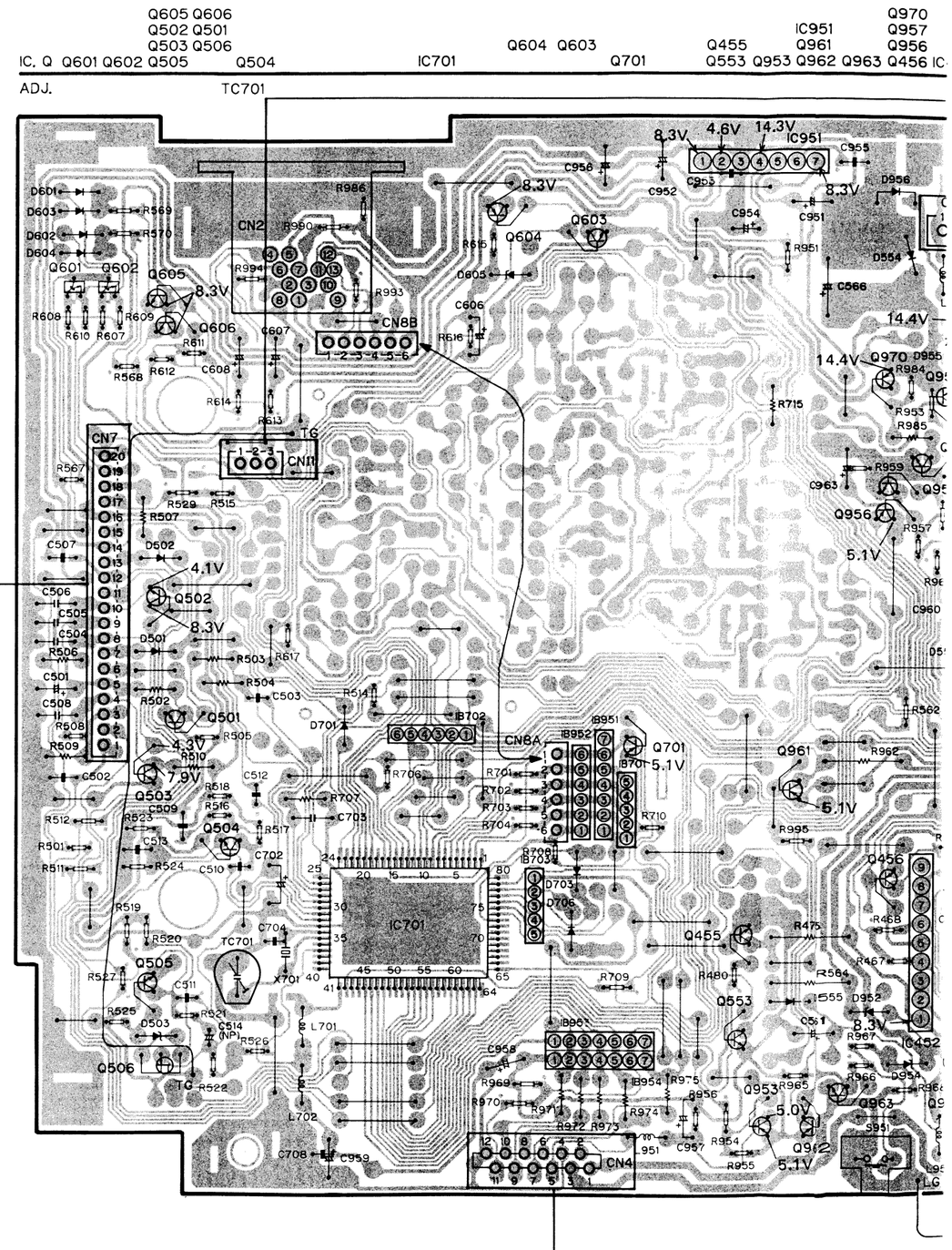
1	2	3	4	5	6	7	8	9
5.0V	5.0V	5.0V	6.6V	0V	5.0V	5.0V	5.0V	14.4V
10	11	12	13	14	15	16	17	
14.4V	6.0V	6.0V	0V	0V	6.0V	6.0V	14.4V	

KEY BOARD UNIT



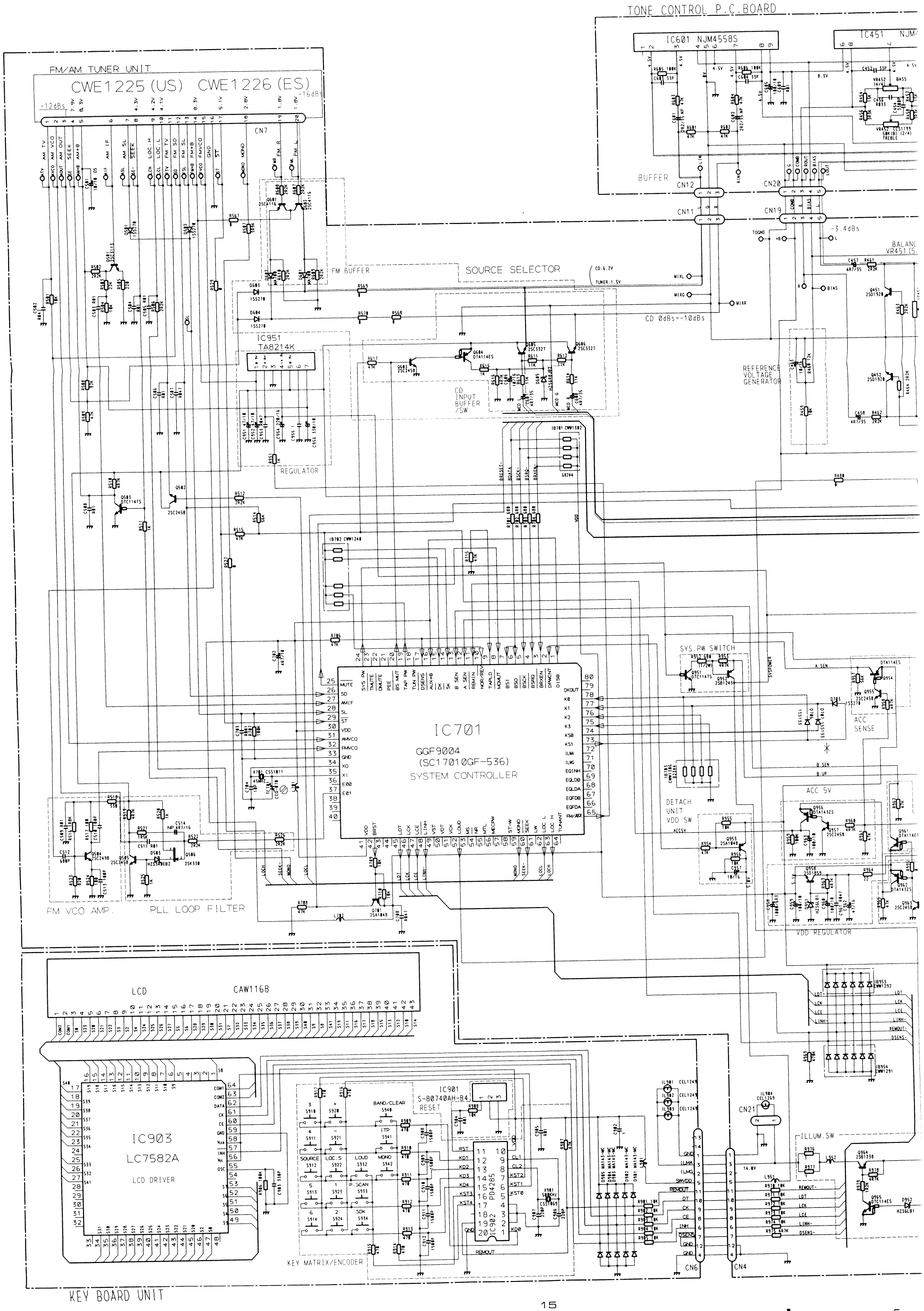
TO FM/AM TUNER UNIT

TUNER AMP P.C. BOARD



| | | |

5. SCHEMATIC CIRCUIT DIAGRAM (GEH-M2000/UC, GEH-M2050/ES)



TUNER AMP UNIT

Consists of
Tuner Amp P.C.Board
Tone Control P.C.Board
Pre Out P.C.Board

TUNER AMP P.C.BOARD

PRE OUT P.C.BOARD

IC451 NJM4558S

TONE CONTROL

BALANCE VR451 (5/7)

LOUDNESS

VOLUME VR451 (6, 7/7)

PRE-FADER VR451 (3, 4/7)

IC452 NJM4558S

POWER FADER

-6.5dBs

PRE-OUT

IC851 NJM2068S

RCA REAR

L

R

11.2dBs (CD 0dB)

CN13

CN14

CN3

CN1

CN17A

CN17B

IC551 TA8215H-A

STAND-BY CONTROL

POWER AMP.

MUTE CONTROL

SYSTEM CONTROL DRIVER

ACC SENSE

BACK UP SENSE

-3.8dBs (CD 0dB)

CN8A

CN8B

CN2

CD-M

	M2000/UC	M2050/ES
D706	1SS133	
D707		1SS133

NOTE:

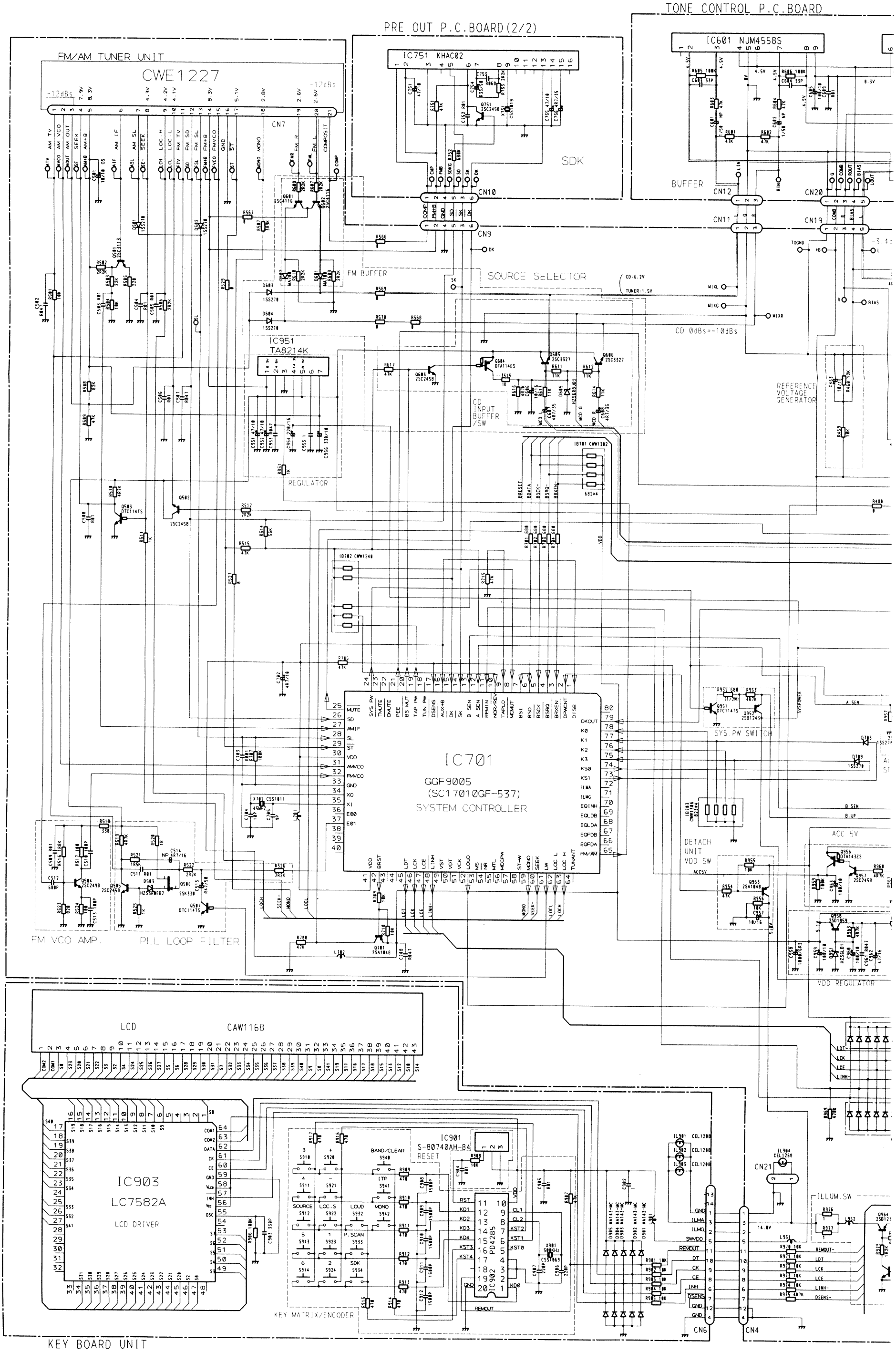
Symbol indicates a resistor.
No differentiation is made between chip resistors and discrete resistors.

Symbol indicates a capacitor.
No differentiation is made between chip capacitors and discrete capacitors.

Decimal points for resistor and capacitor fixed values are expressed as
2.2→2R2
0.022→R022

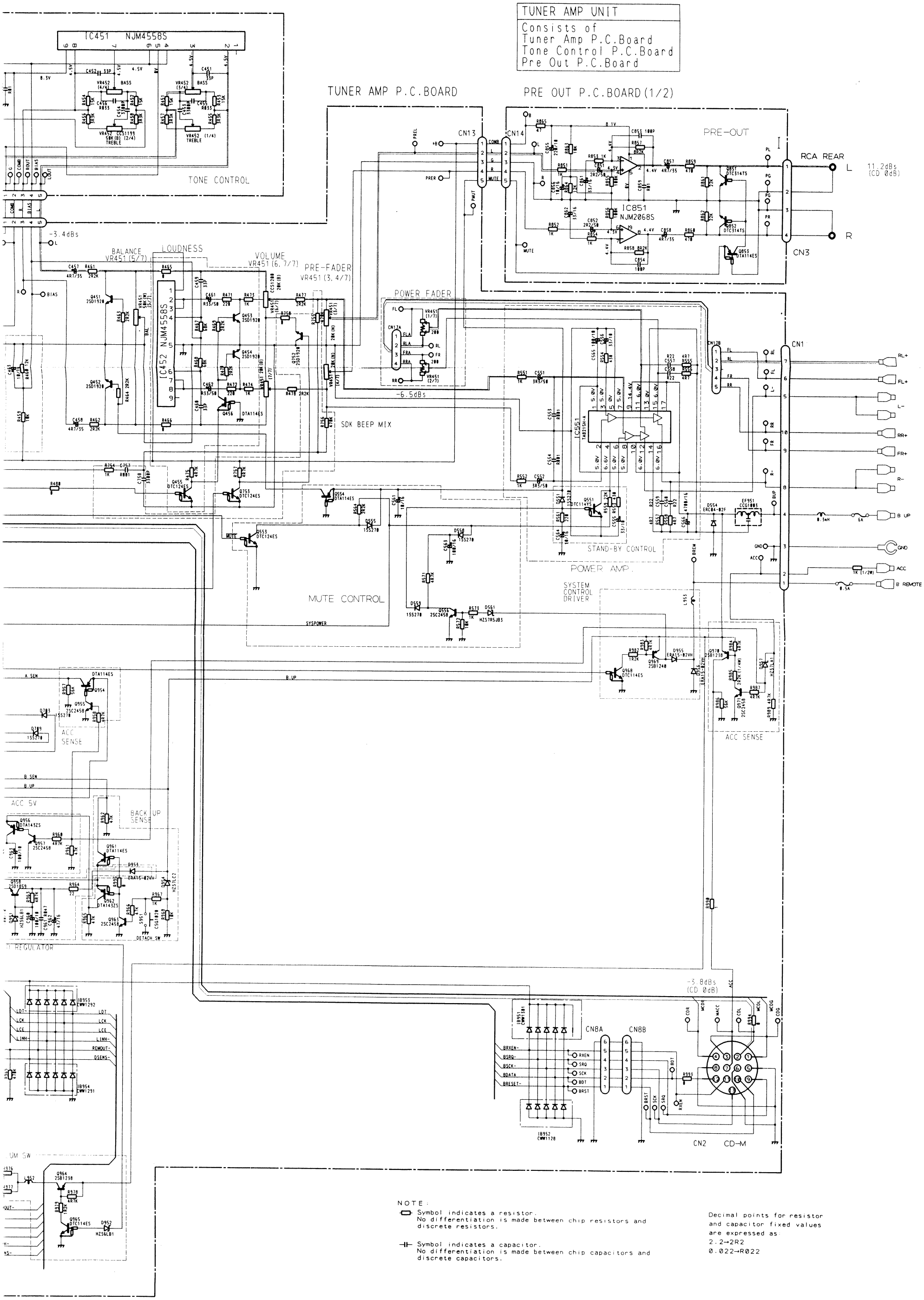
Fig. 6

6. SCHEMATIC CIRCUIT DIAGRAM (GEH-M2000SDK/WG)



TUNER AMP UNIT

Consists of
Tuner Amp P.C.Board
Tone Control P.C.Board
Pre Out P.C.Board



NOTE:

- Symbol indicates a resistor. No differentiation is made between chip resistors and discrete resistors.
- Symbol indicates a capacitor. No differentiation is made between chip capacitors and discrete capacitors.

Decimal points for resistor and capacitor fixed values are expressed as:
2.2→2R2
0.022→R022

Fig. 7

7. CONNECTION DIAGRAM (GEH-M2000SDK/WG)

PRE OUT P. C. BOARD IC 851

1	2	3	4	5	6	7	8	9
8.1V	4.4V	4.4V	4.3V	0V	4.3V	4.4V	4.4V	

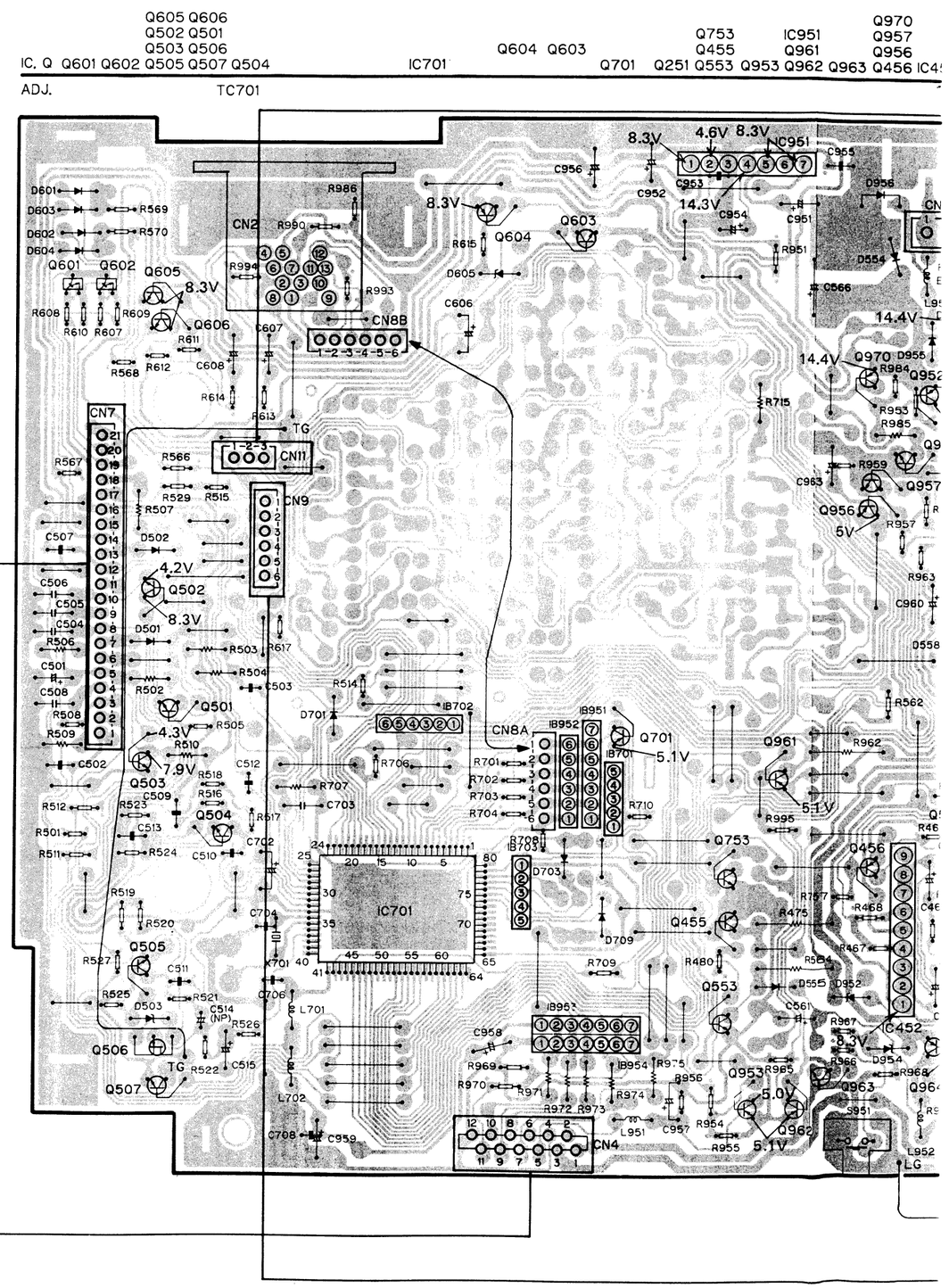
TUNER AMP P. C. BOARD IC 551

1	2	3	4	5	6	7	8	9
5.0V	5.0V	5.0V	6.6V	0V	5.0V	5.0V	5.0V	14.4V
10	11	12	13	14	15	16	17	
14.4V	6.0V	6.0V	0V	0V	6.0V	6.0V	14.4V	

KEY BOARD UNIT

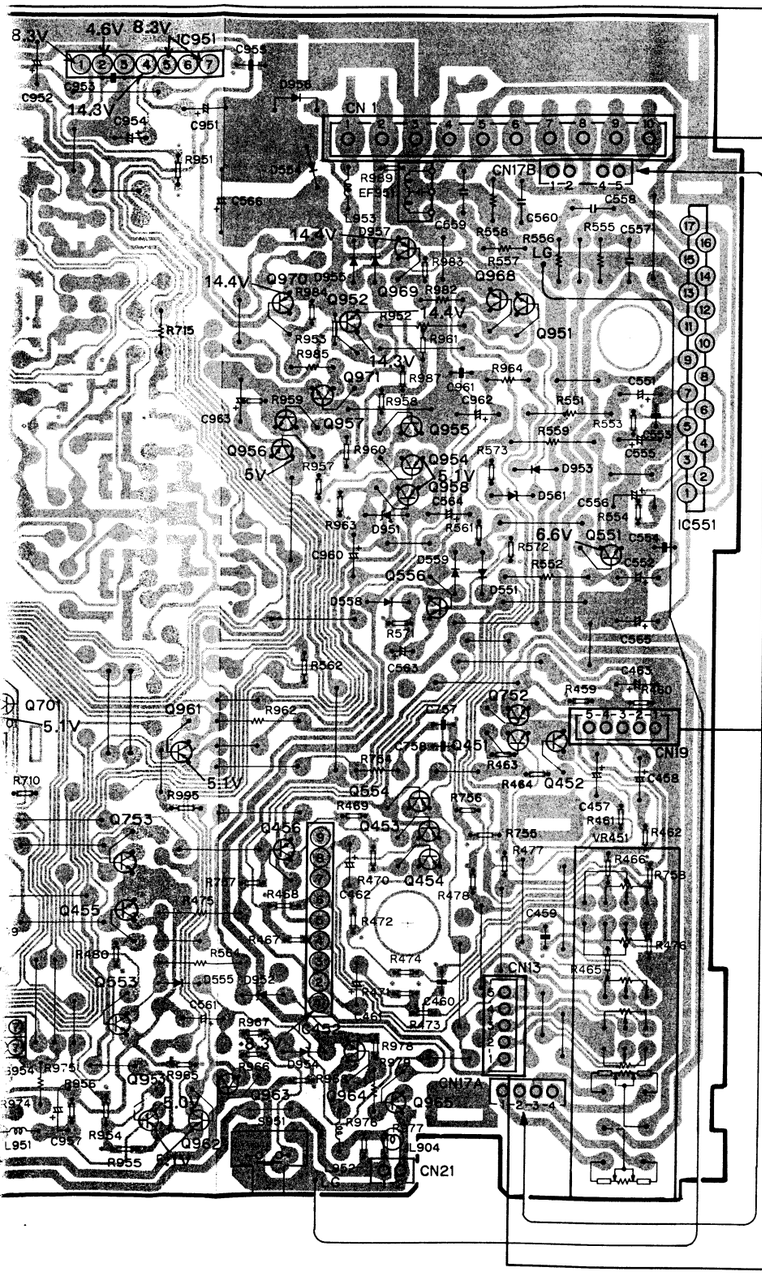
TO FM/AM TUNER UNIT

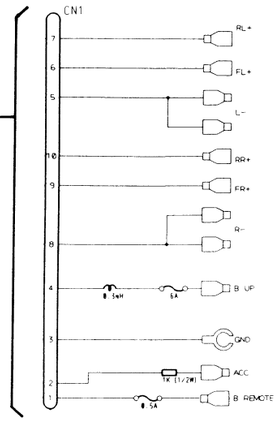
TUNER AMP P.C. BOARD



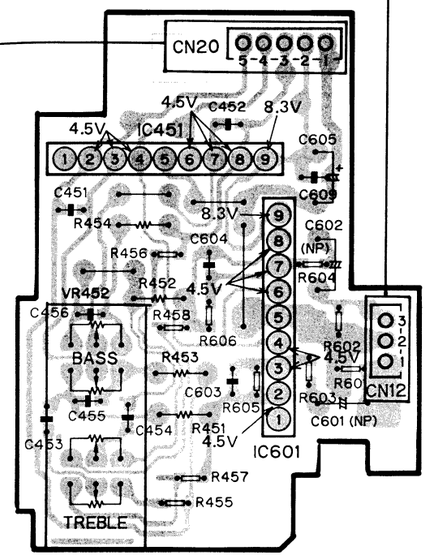
Q970 Q556 Q969 Q554
Q753 IC951 Q957 Q952 Q955 Q453 Q968
Q455 IC961 Q956 Q971 Q954 Q454 Q752 Q951
Q251 Q553 Q953 Q962 Q963 Q456 IC452 Q964 Q958 Q965 Q451 Q452 Q551 IC551

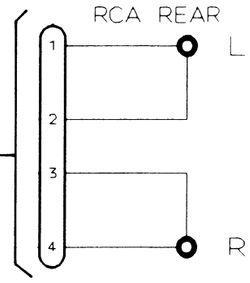
TONE CONTROL P.C. BOARD





IC IC451 IC601





PRE OUT P.C. BOARD

IC, Q Q851 Q852 IC851 Q853 IC751 Q751

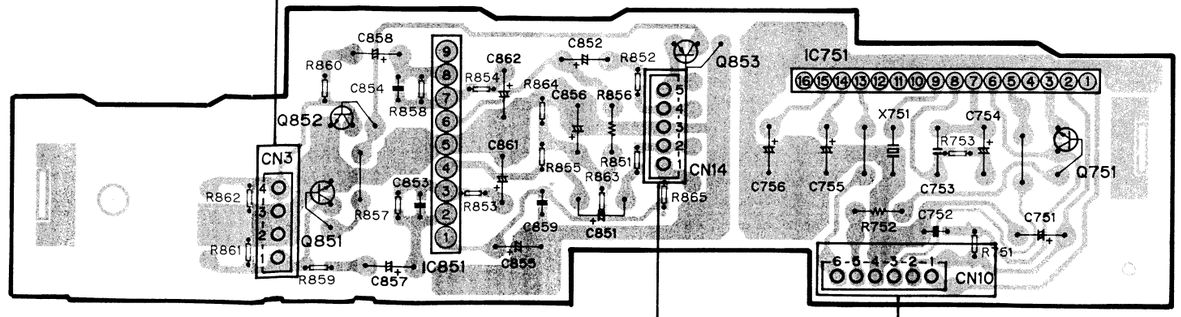


Fig. 8

8. CONNECTION DIAGRAM (GEH-M2000/EW, IT)

PRE OUT P. C. BOARD IC 851

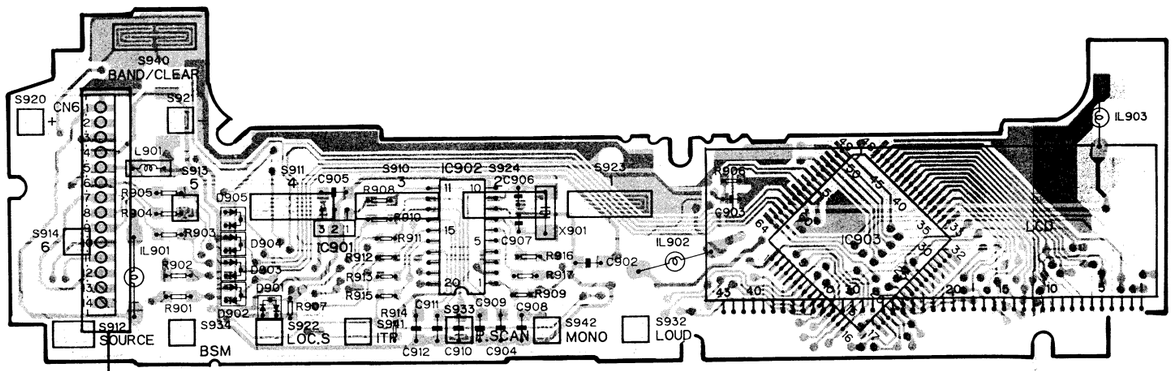
1	2	3	4	5	6	7	8	9
8.1V	4.4V	4.4V	4.3V	0V	4.3V	4.4V	4.4V	

TUNER AMP P. C. BOARD IC 551

1	2	3	4	5	6	7	8	9
5.0V	5.0V	5.0V	6.6V	0V	5.0V	5.0V	5.0V	14.4V
10	11	12	13	14	15	16	17	
14.4V	6.0V	6.0V	0V	0V	6.0V	6.0V	14.4V	

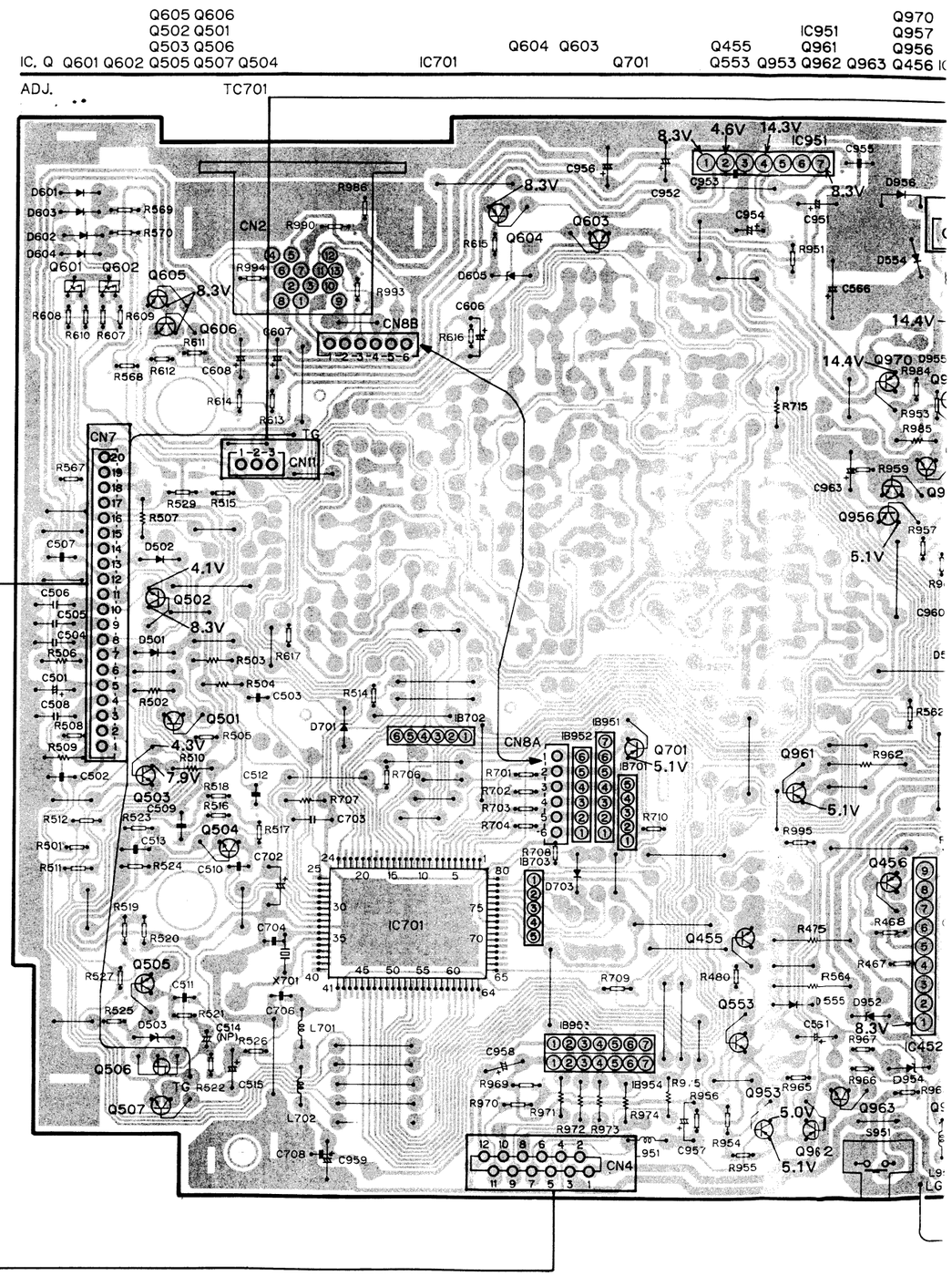
KEY BOARD UNIT

IC IC901 IC902 IC903



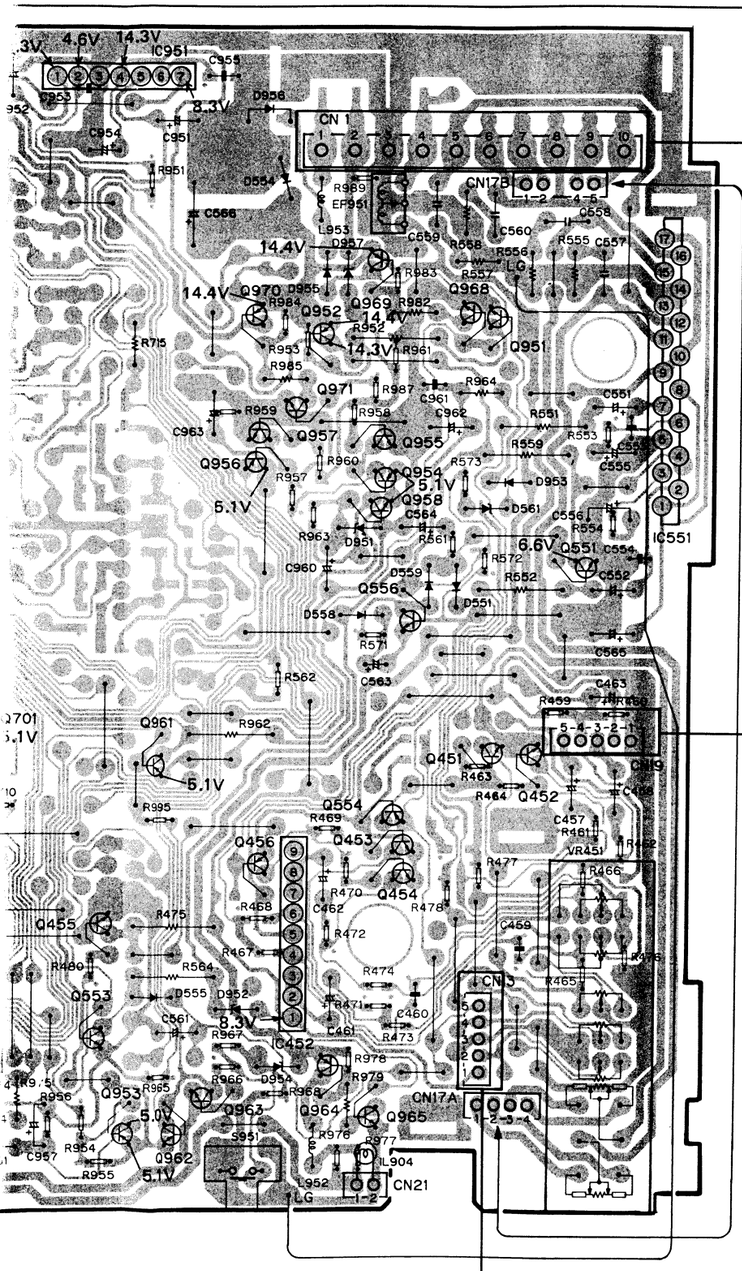
TO FM/AM TUNER UNIT

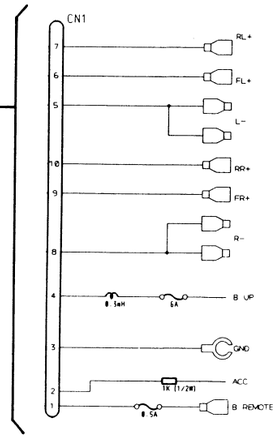
TUNER AMP P.C. BOARD



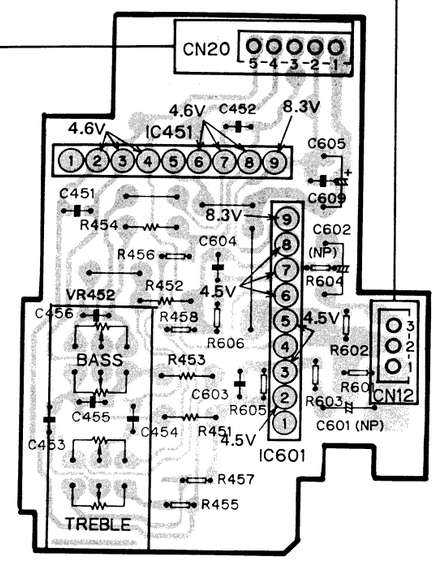
Q970 Q556 Q969 Q554
IC951 Q957 Q952 Q955 Q453 Q968
Q455 Q961 Q956 Q971 Q954 Q454 Q951
Q553 Q953 Q962 Q963 Q456 IC452 Q964 Q958 Q965 Q451 Q452 Q551 IC551

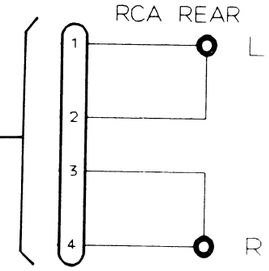
TONE CONTROL P.C. BOARD





IC IC451 IC601





PRE OUT P.C. BOARD

IC, Q Q851 Q852 IC851 Q853

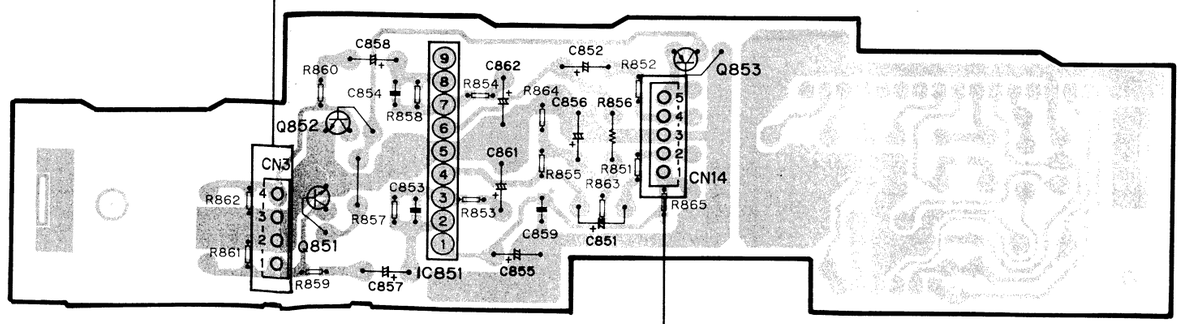
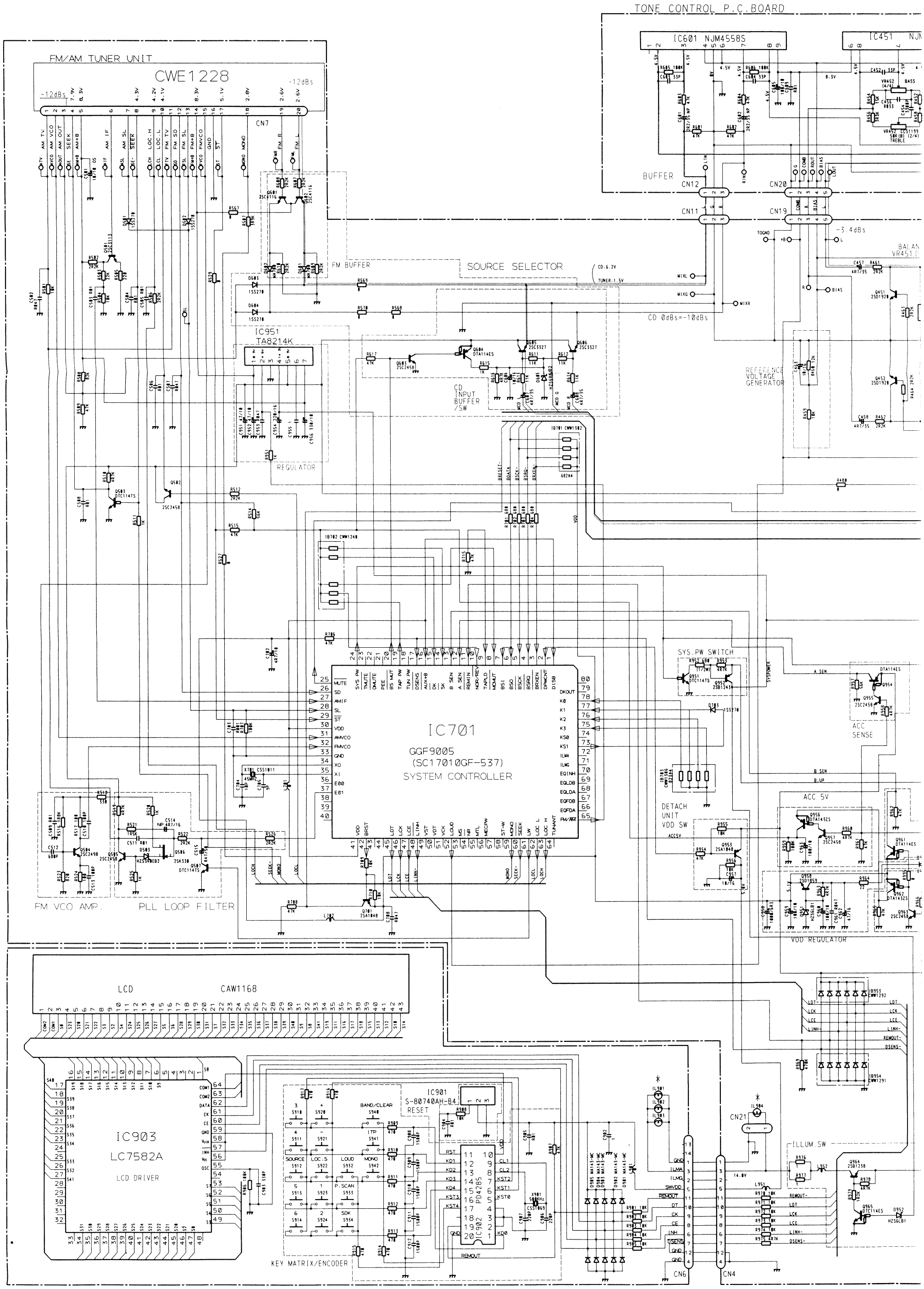


Fig. 9

9. SCHEMATIC CIRCUIT DIAGRAM (GEH-M2000/EW, IT)



TUNER AMP UNIT

Consists of
Tuner Amp P.C.Board
Tone Control P.C.Board
Pre Out P.C.Board

TUNER AMP P.C.BOARD

PRE OUT P.C.BOARD

IC451 NJM4558S

TONE CONTROL

BALANCE VR451 (5/7)

LOUDNESS

VOLUME VR451 (6, 7/7)

PRE-FADER VR451 (3, 4/7)

IC452 NJM4558S

POWER FADER

-6.5dBs

PRE-OUT

IC851 NJM2068S

RCA REAR

11.2dBs (CD 0dB)

IC551 TA8215H-A

STAND-BY CONTROL

POWER AMP.

MUTE CONTROL

SYSPOWER

SYSTEM CONTROL DRIVER

ACC SENSE

BACK UP SENSE

DETACH SW

-3.8dBs (CD 0dB)

CN8A CN8B

CN2 CD-M

CN1

CN3

	M2000/EW	M2000/IT
IL901-903	CEL1208	CEL1228
IL904	CEL1268	CEL1267

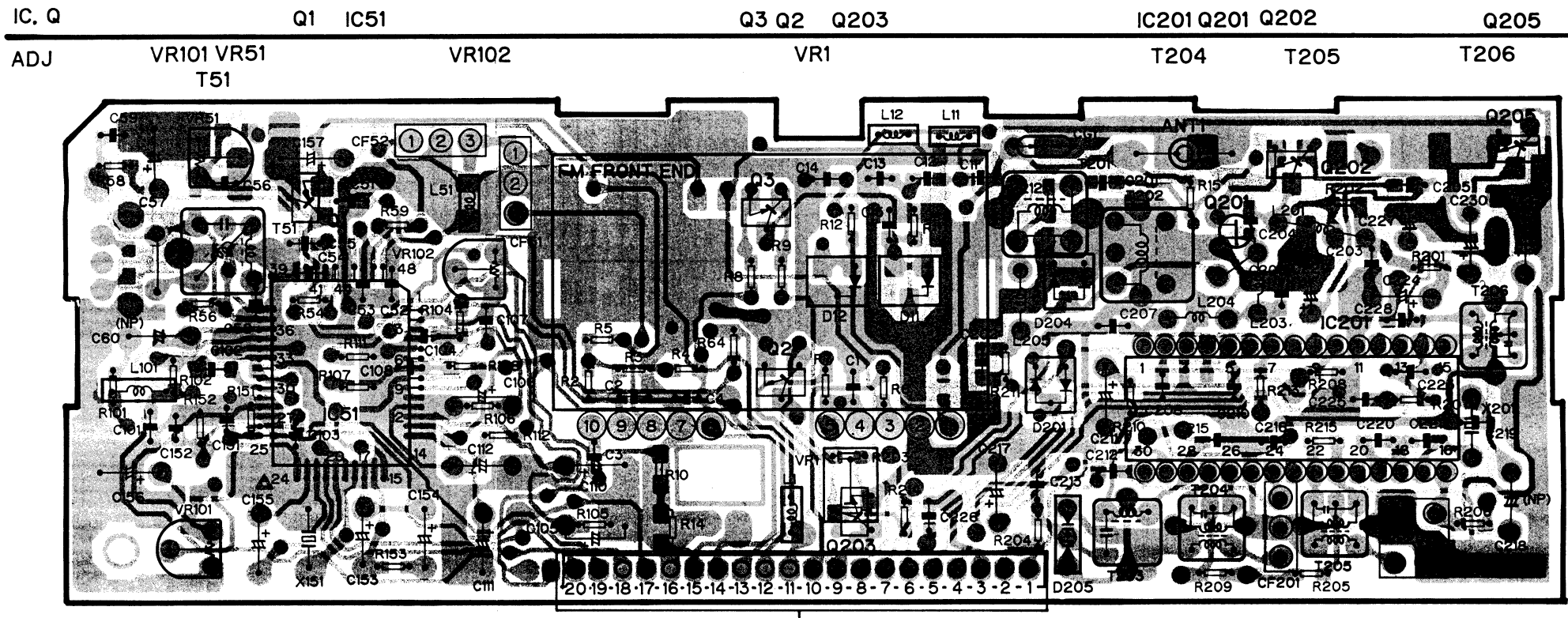
NOTE

Symbol indicates a resistor.
No differentiation is made between chip resistors and discrete resistors.

Symbol indicates a capacitor.
No differentiation is made between chip capacitors and discrete capacitors.

Decimal points for resistor and capacitor fixed values are expressed as
2.2→2R2
0.022→R022

Fig. 10



IC 201

1	2	3	4	5	6	7	8	9	10
	3.4V	0V	4.7V			6.9V	4.7V		
11	12	13	14	15	16	17	18	19	20
0V	2.3V	2.3V		3.6V	3.6V	4.6V	4.0V	5.3V	4.8V
21	22	23	24	25	26	27	28	29	30
8.2V	8.2V		3.3V	0V	8.2V	8.2V	5.4V		2.7V

Fig. 11

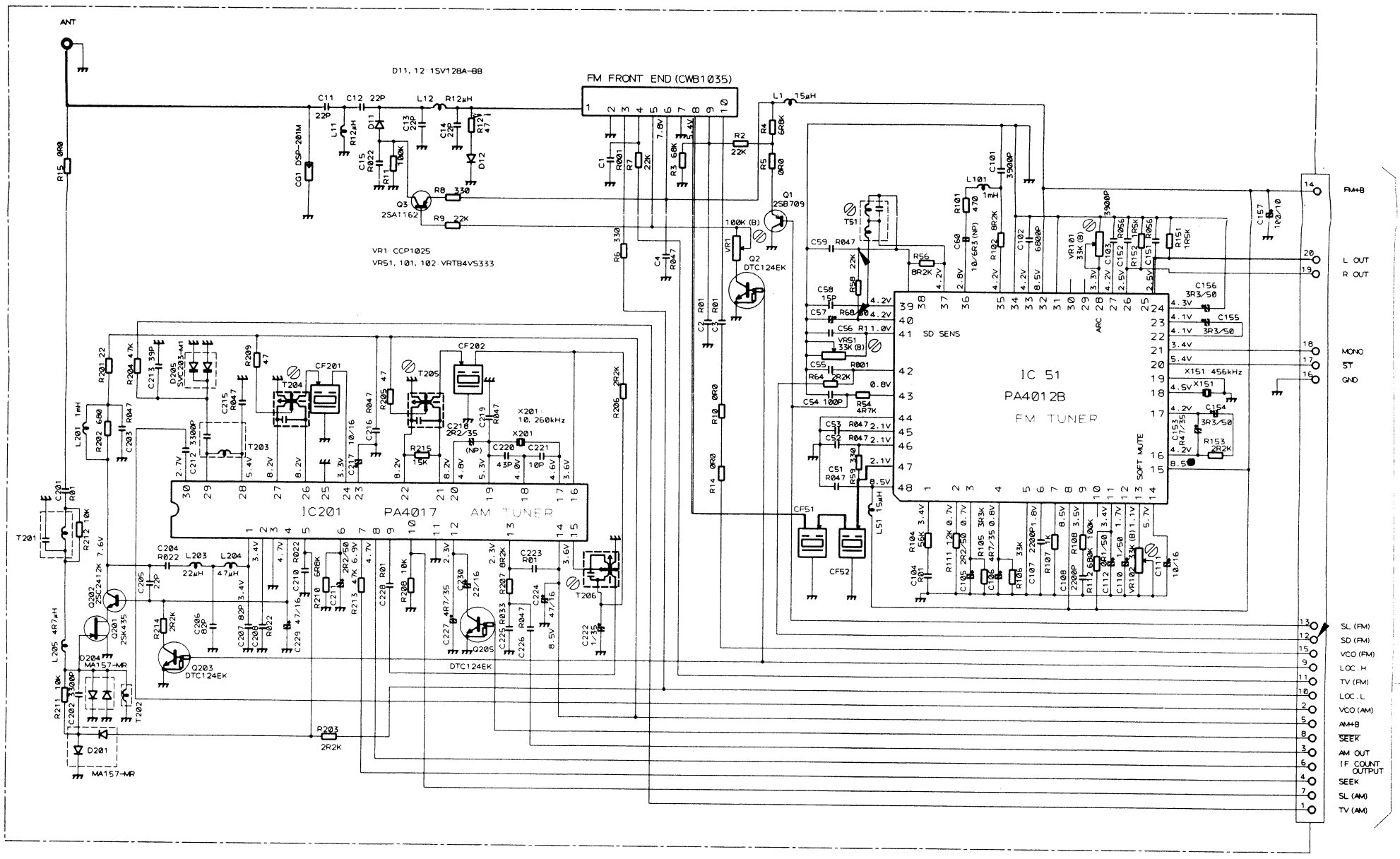
IC 51

1	2	3	4	5	6	7	8	9	10	11	12
3.4V	0.7V	0.7V	0.8V		1.8V		8.5V	3.5V		3.4V	1.7V
13	14	15	16	17	18	19	20	21	22	23	24
1.1V	5.7V	8.5V	4.2V	4.2V	4.5V		5.4V	3.4V	4.1V	4.1V	4.3V
25	26	27	28	29	30	31	32	33	34	35	36
2.5V	2.5V	4.2V	3.3V				8.5V	4.2V		4.2V	2.8V
37	38	39	40	41	42	43	44	45	46	47	48
4.2V		4.2V	4.2V	1.0V		0.8V		2.1V	2.1V	2.1V	8.5V

Fig. 12

10. CIRCUIT DIAGRAM AND PATTERN (FM/AM TUNER UNIT)

10.1 GEH-M2000/UC (CWE1225)



NOTE

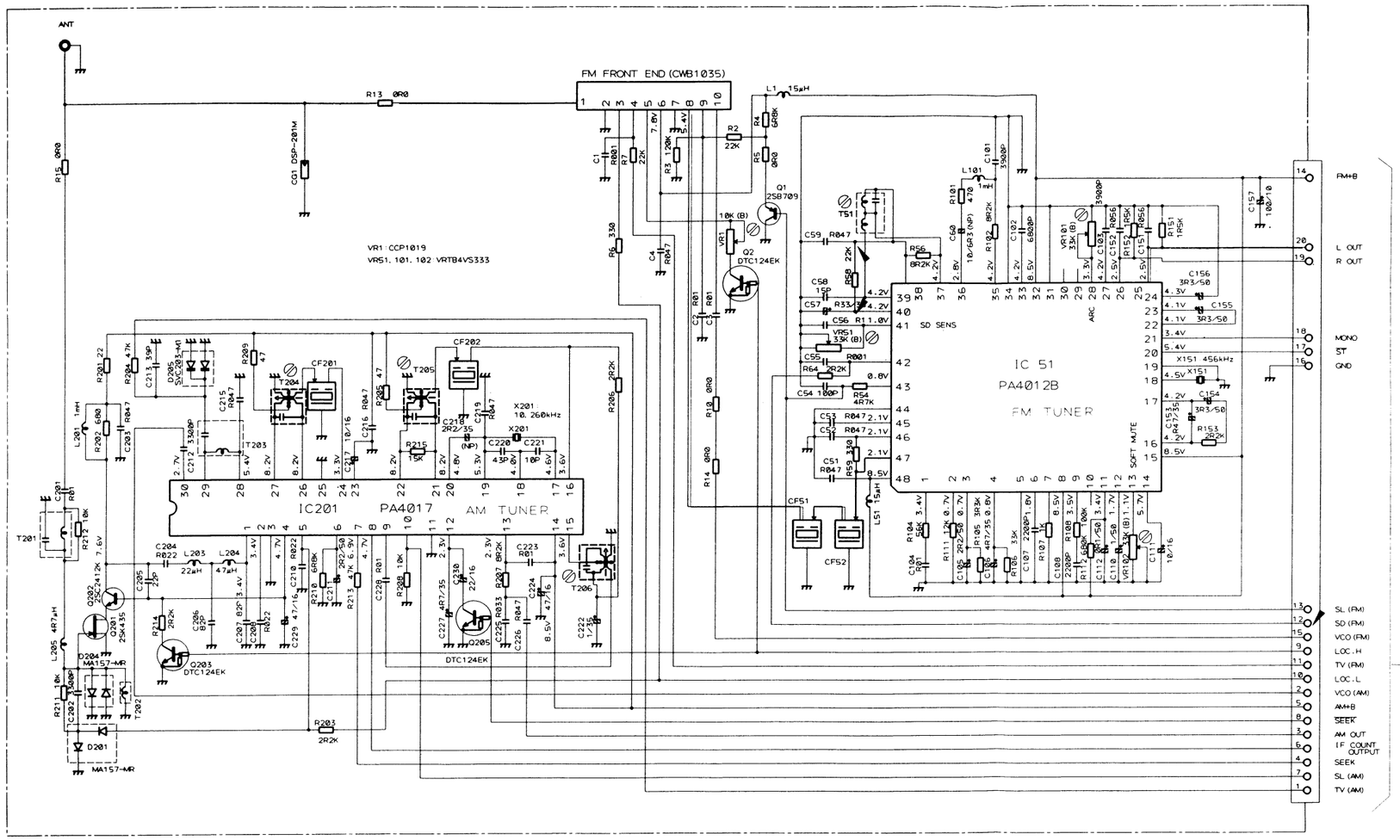
Symbol indicates a resistor.
No differentiation is made between chip resistors and discrete resistors.

Symbol indicates a capacitor.
No differentiation is made between chip capacitors and discrete capacitors.

Decimal points for resistor and capacitor fixed values are expressed as:
2.2→2R2
0.022→R022

Fig. 11

10.2 GEH-M2000/ES (CWE1226)



→ TO TUNER AMP P.C. BOARD

NOTE :

⊏⊐ Symbol indicates a resistor.
No differentiation is made between chip resistors and discrete resistors.

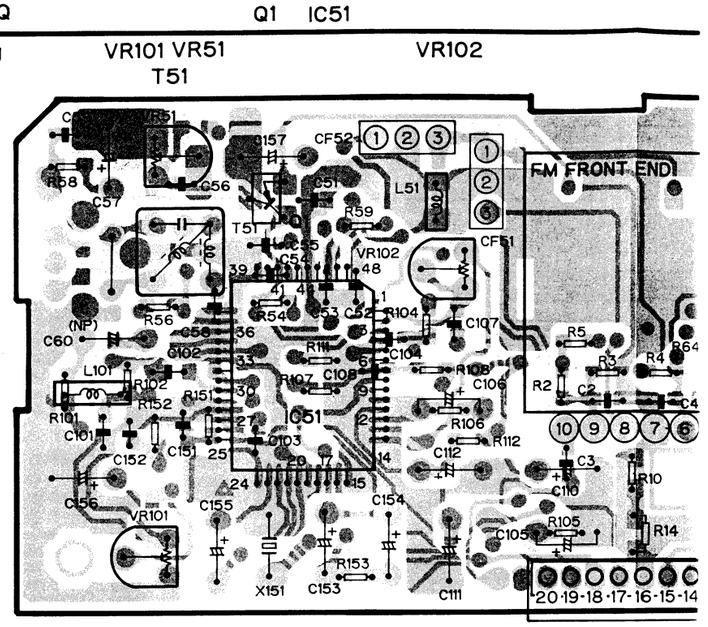
⊣⊢ Symbol indicates a capacitor.
No differentiation is made between chip capacitors and discrete capacitors.

Decimal points for resistor and capacitor fixed values are expressed as:
2.2→2R2
0.022→R022

Fig. 13

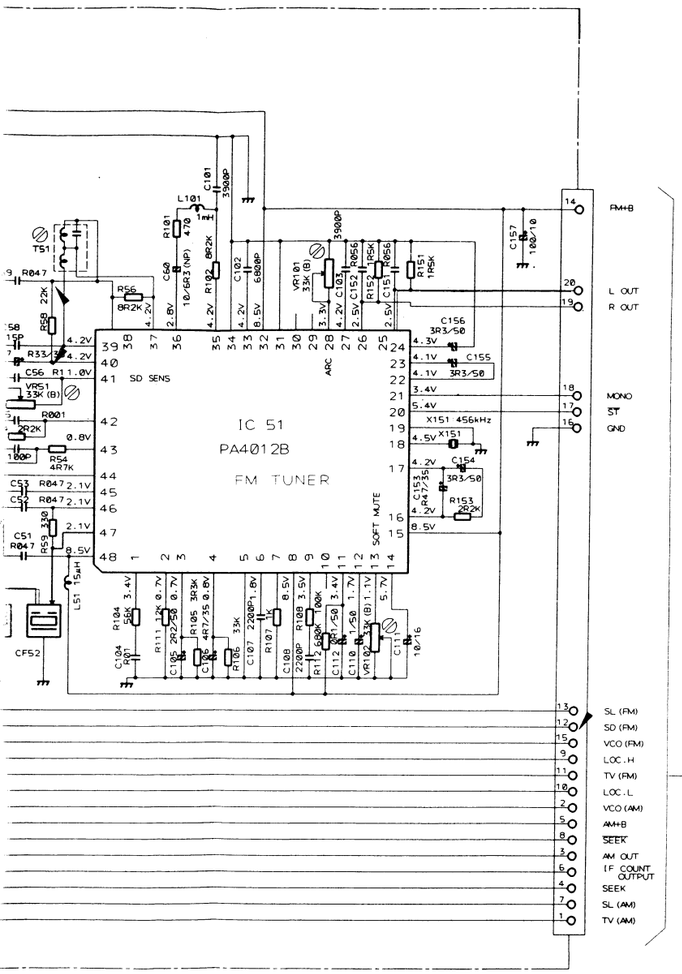
IC, Q

ADJ



IC 201

1	2	3	4	5	6	7	8	9	10
	3.4V	0V	4.7V			6.9V	4.7V		
11	12	13	14	15	16	17	18	19	20
0V	2.3V	2.3V		3.6V	3.6V	4.6V	4.0V	5.3V	4.8V
21	22	23	24	25	26	27	28	29	30
8.2V	8.2V		3.3V	0V	8.2V	8.2V	5.4V		2.7V



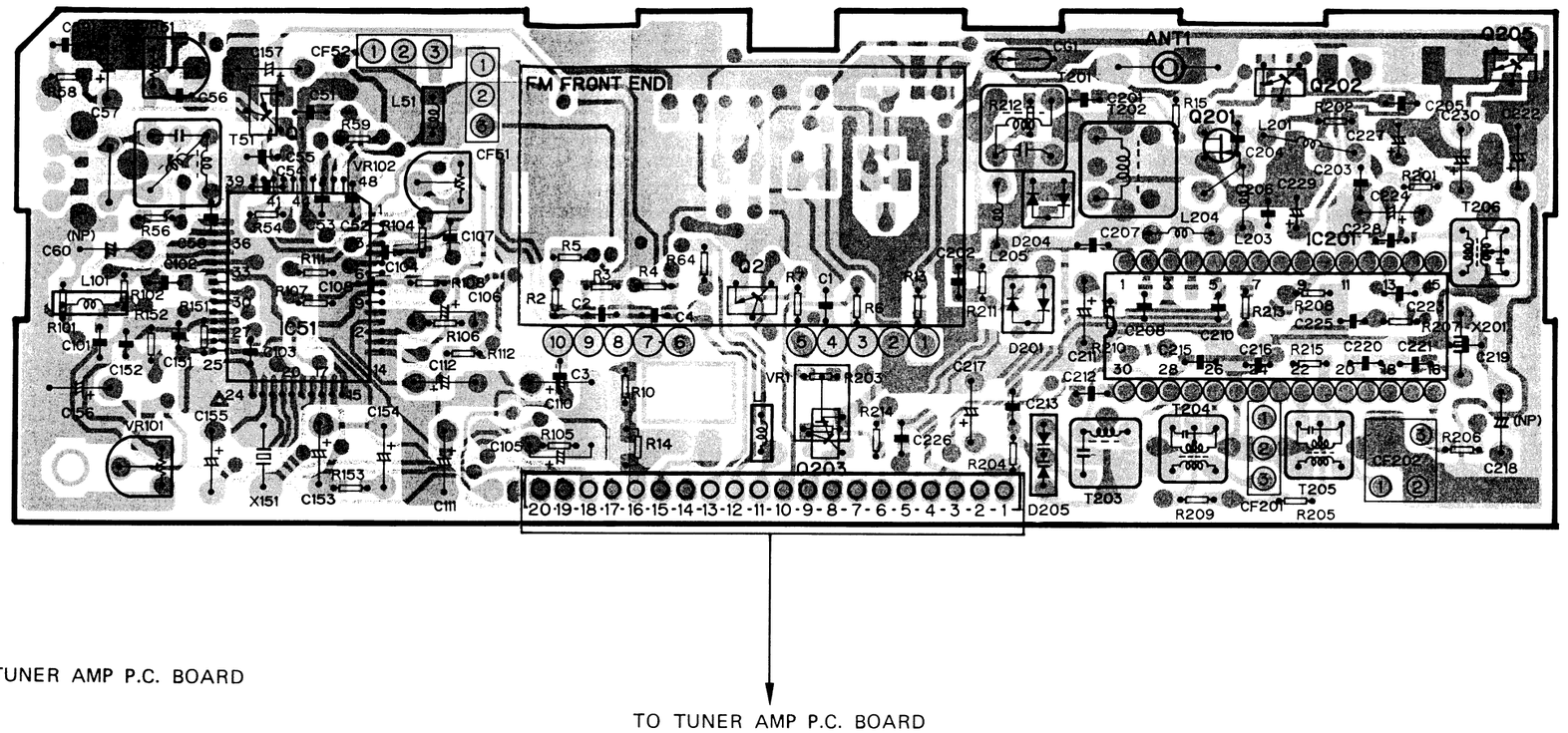
→ TO TUNER AMP P.C. BOARD

points for resistor
acitor fixed values
ressed as
2
R022

Fig. 13

IC. Q Q1 IC51 Q2 Q203 IC201 Q201 Q202 Q205

ADJ VR101 VR51 T51 VR102 VR1 T204 T205 T206



TO TUNER AMP P.C. BOARD

IC 201

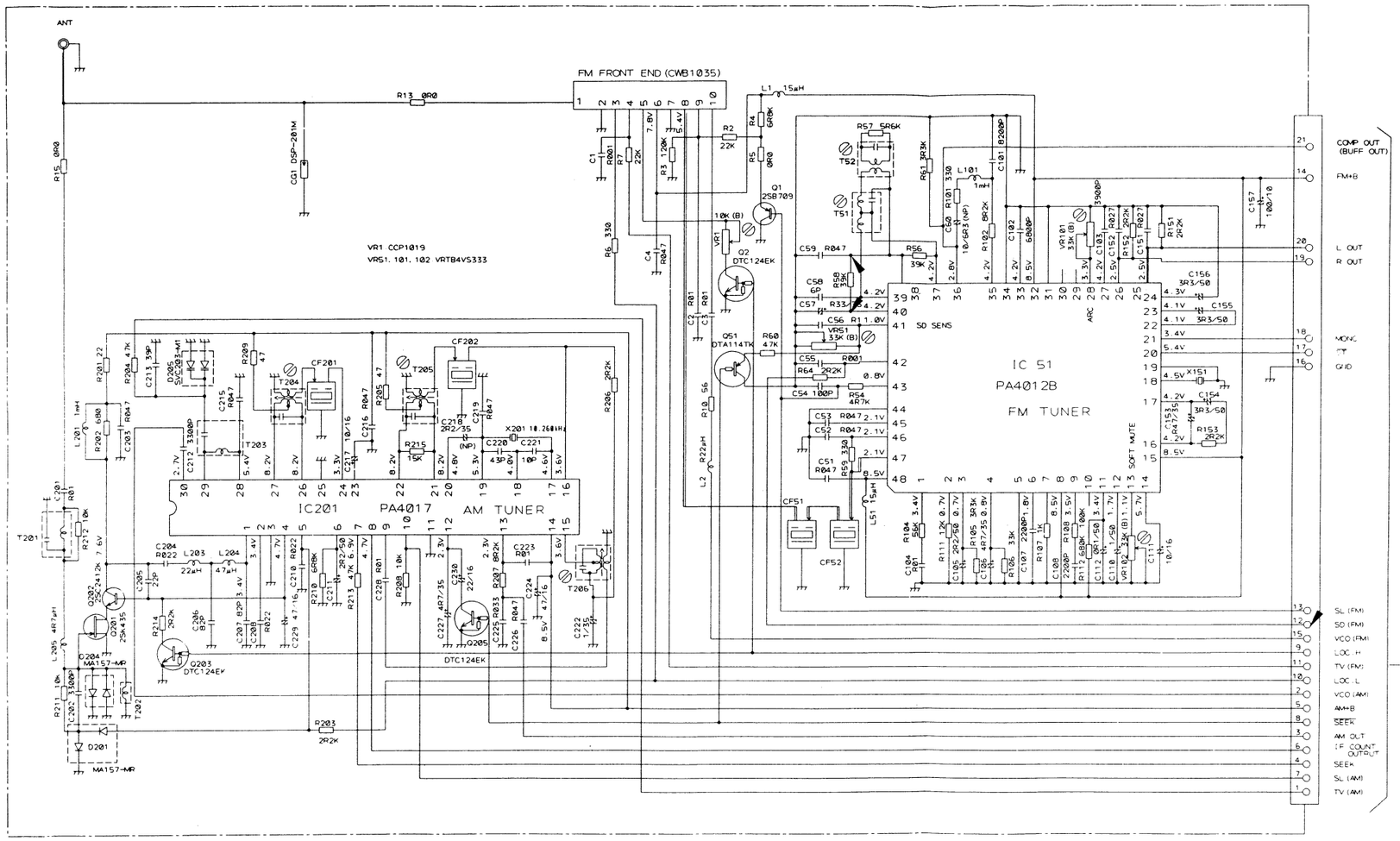
1	2	3	4	5	6	7	8	9	10
	3.4V	0V	4.7V			6.9V	4.7V		
11	12	13	14	15	16	17	18	19	20
0V	2.3V	2.3V		3.6V	3.6V	4.6V	4.0V	5.3V	4.8V
21	22	23	24	25	26	27	28	29	30
8.2V	8.2V		3.3V	0V	8.2V	8.2V	5.4V		2.7V

IC 51

1	2	3	4	5	6	7	8	9	10	11	12
3.4V	0.7V	0.7V	0.8V		1.8V		8.5V	3.5V		3.4V	1.7V
13	14	15	16	17	18	19	20	21	22	23	24
1.1V	5.7V	8.5V	4.2V	4.2V	4.5V		5.4V	3.4V	4.1V	4.1V	4.3V
25	26	27	28	29	30	31	32	33	34	35	36
2.5V	2.5V	4.2V	3.3V				8.5V	4.2V		4.2V	2.8V
37	38	39	40	41	42	43	44	45	46	47	48
4.2V		4.2V	4.2V	1.0V		0.8V		2.1V	2.1V	2.1V	8.5V

Fig. 14

10.3 GEH-M2000SDK/WG (CWE1227)



NOTE

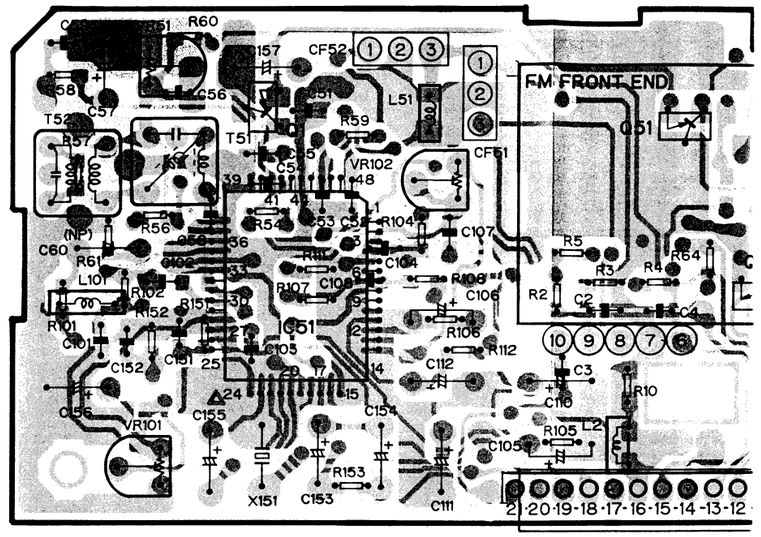
Symbol indicates a resistor.
No differentiation is made between chip resistors and discrete resistors.

Symbol indicates a capacitor.
No differentiation is made between chip capacitors and discrete capacitors.

Decimal points for resistor and capacitor fixed values are expressed as
2.2→2R2
0.022→R022

IC. Q Q1 IC51 Q51

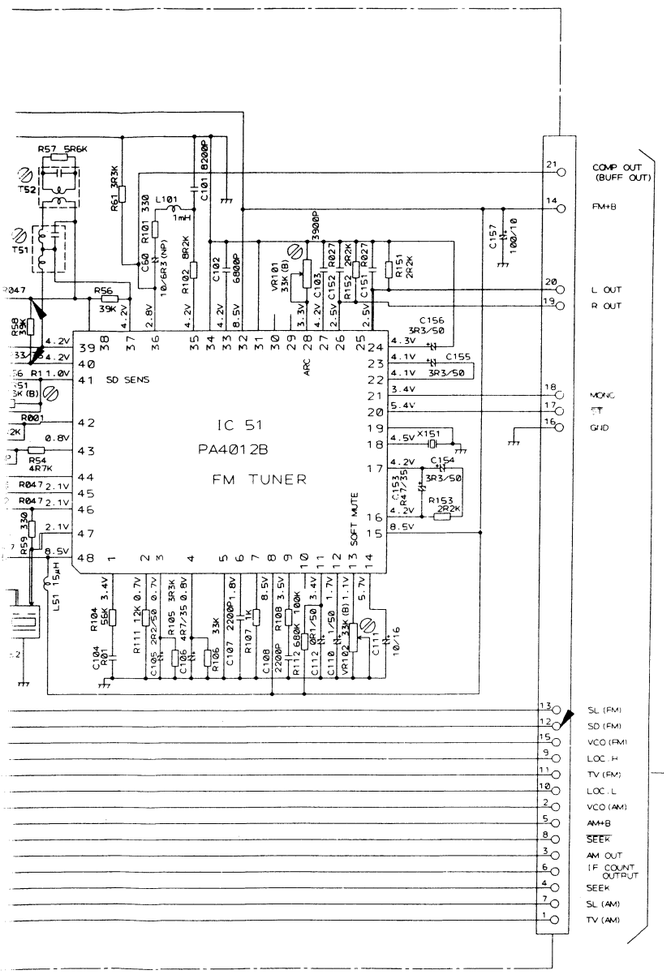
ADJ T52 VR101 VR51 T51 VR102



IC 201

1	2	3	4	5	6	7	8	9	10
	3.4V	0V	4.7V			6.9V	4.7V		
11	12	13	14	15	16	17	18	19	20
0V	2.3V	2.3V		3.6V	3.6V	4.6V	4.0V	5.3V	4.8V
21	22	23	24	25	26	27	28	29	30
8.2V	8.2V		3.3V	0V	8.2V	8.2V	5.4V		2.7V

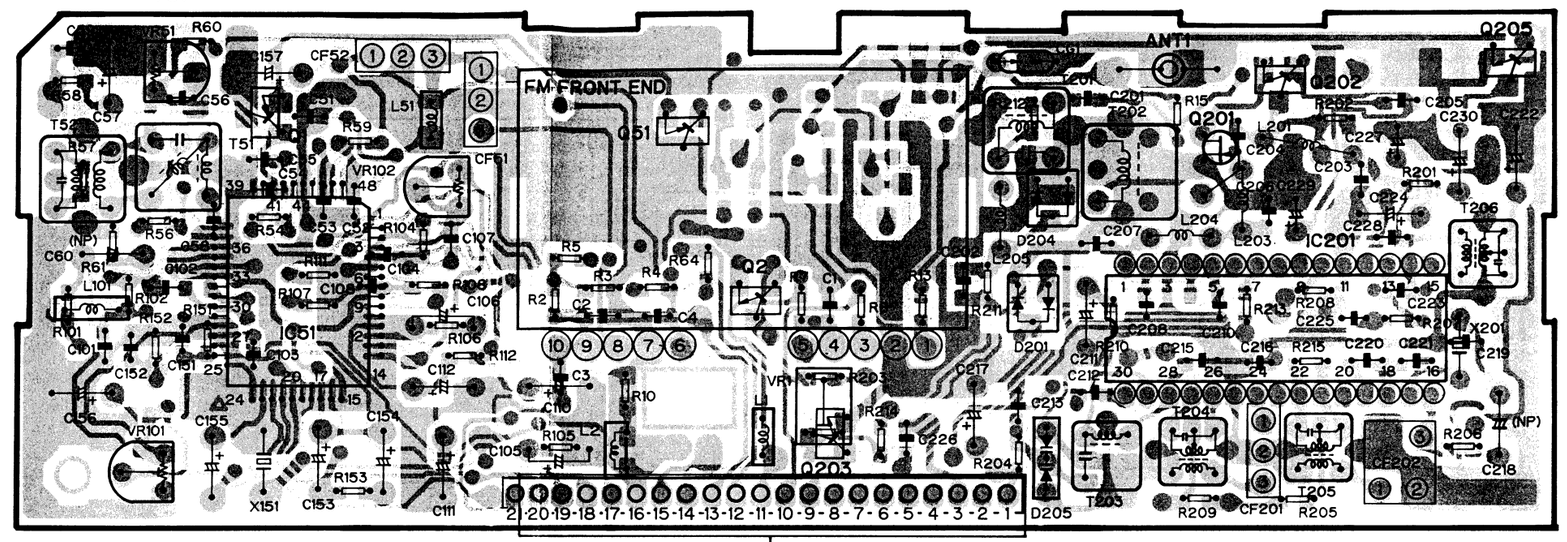
Fig. 15



→ TO TUNER AMP P.C. BOARD

nts for resistor
or fixed values
ed as

2



TO TUNER AMP P.C. BOARD

IC 201

1	2	3	4	5	6	7	8	9	10
	3.4V	0V	4.7V			6.9V	4.7V		
11	12	13	14	15	16	17	18	19	20
0V	2.3V	2.3V		3.6V	3.6V	4.6V	4.0V	5.3V	4.8V
21	22	23	24	25	26	27	28	29	30
8.2V	8.2V		3.3V	0V	8.2V	8.2V	5.4V		2.7V

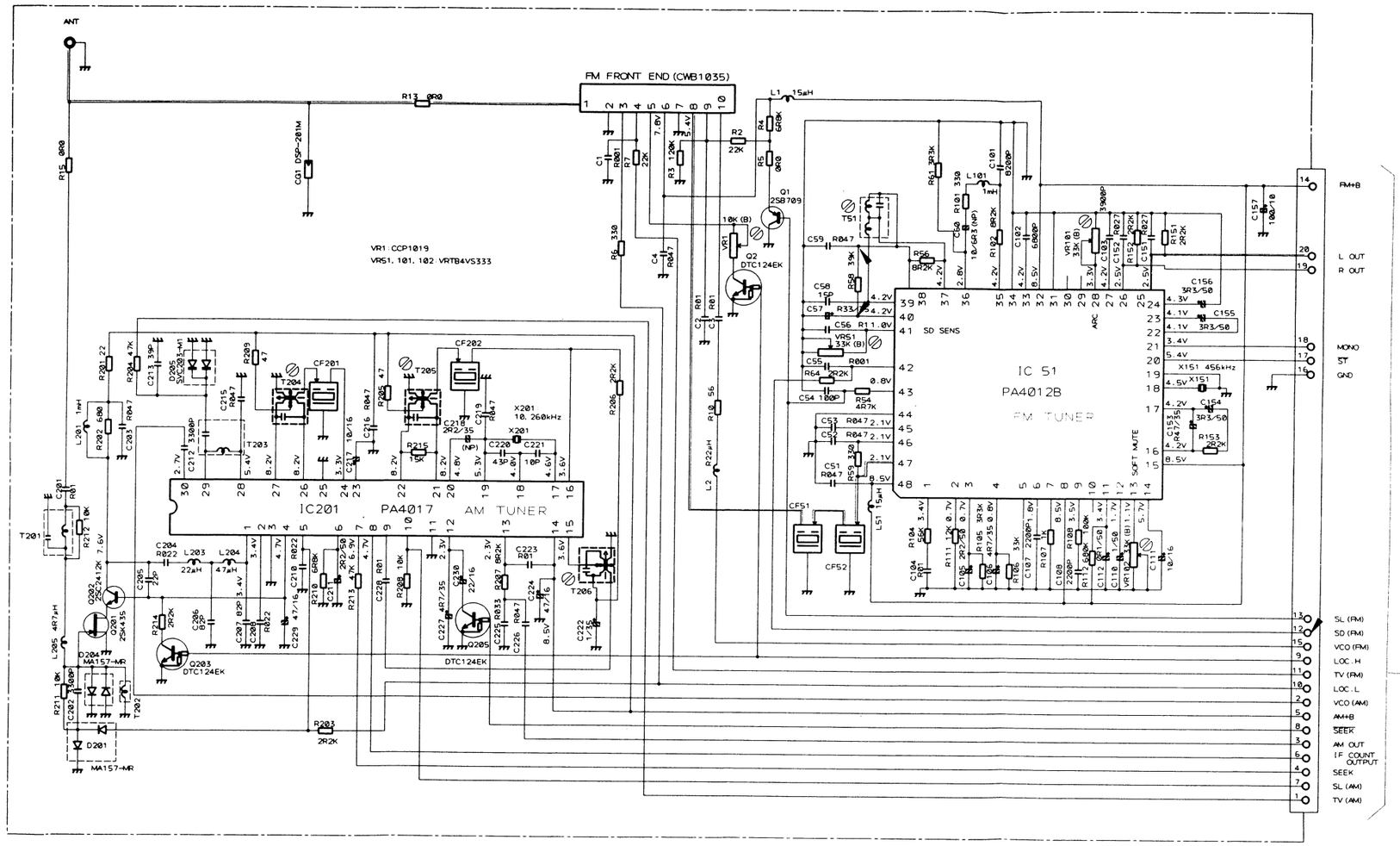
Fig. 15

IC 51

1	2	3	4	5	6	7	8	9	10	11	12
3.4V	0.7V	0.7V	0.8V		1.8V		8.5V	3.5V		3.4V	1.7V
13	14	15	16	17	18	19	20	21	22	23	24
1.1V	5.7V	8.5V	4.2V	4.2V	4.5V		5.4V	3.4V	4.1V	4.1V	4.3V
25	26	27	28	29	30	31	32	33	34	35	36
2.5V	2.5V	4.2V	3.3V				8.5V	4.2V		4.2V	2.8V
37	38	39	40	41	42	43	44	45	46	47	48
4.2V		4.2V	4.2V	1.0V		0.8V		2.1V	2.1V	2.1V	8.5V

Fig. 16

10.4 GEH-M2000/EW, IT (CWE1228)



→ TO TUNER AMP P.C. BOARD

TO TUNER

NOTE :

Symbol indicates a resistor.
No differentiation is made between chip resistors and discrete resistors.

Symbol indicates a capacitor.
No differentiation is made between chip capacitors and discrete capacitors.

Decimal points for resistor and capacitor fixed values are expressed as:
2.2→2R2
0.022→R022

IC, Q

ADJ

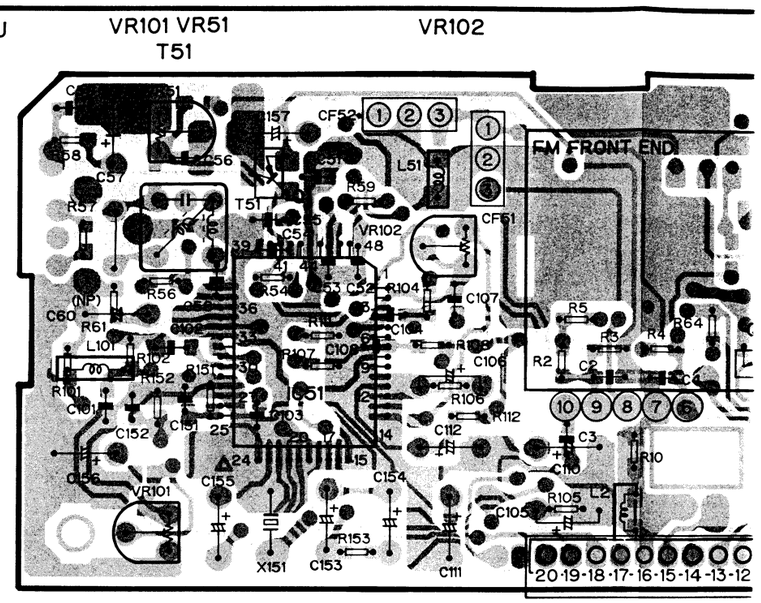
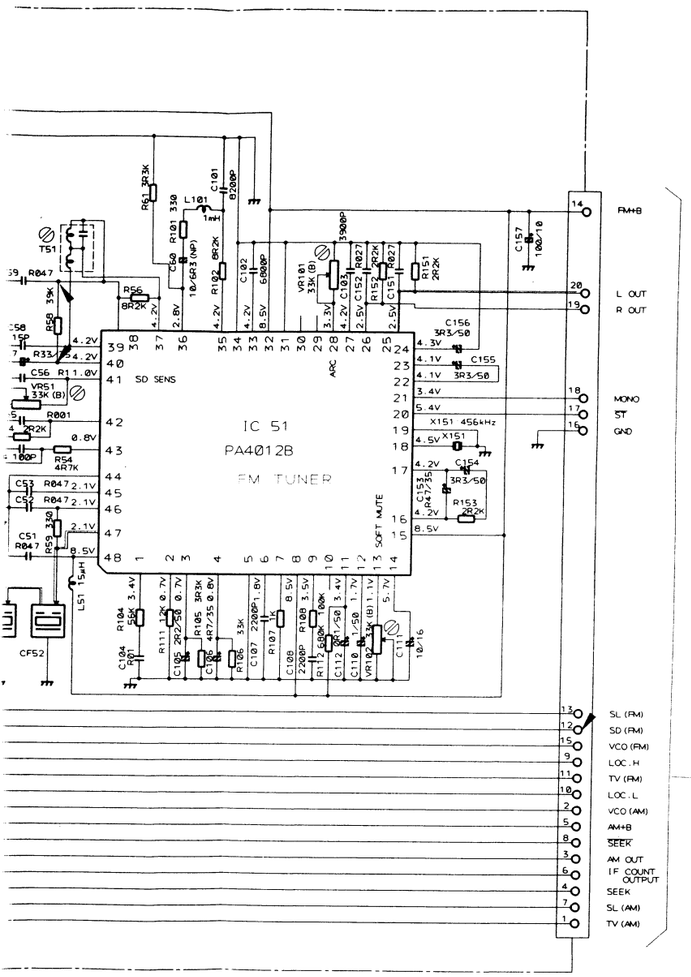


Fig. 17

IC 201

1	2	3	4	5	6	7	8	9	10
	3.4V	0V	4.7V			6.9V	4.7V		
11	12	13	14	15	16	17	18	19	20
0V	2.3V	2.3V		3.6V	3.6V	4.6V	4.0V	5.3V	4.8V
21	22	23	24	25	26	27	28	29	30
8.2V	8.2V		3.3V	0V	8.2V	8.2V	5.4V		2.7V



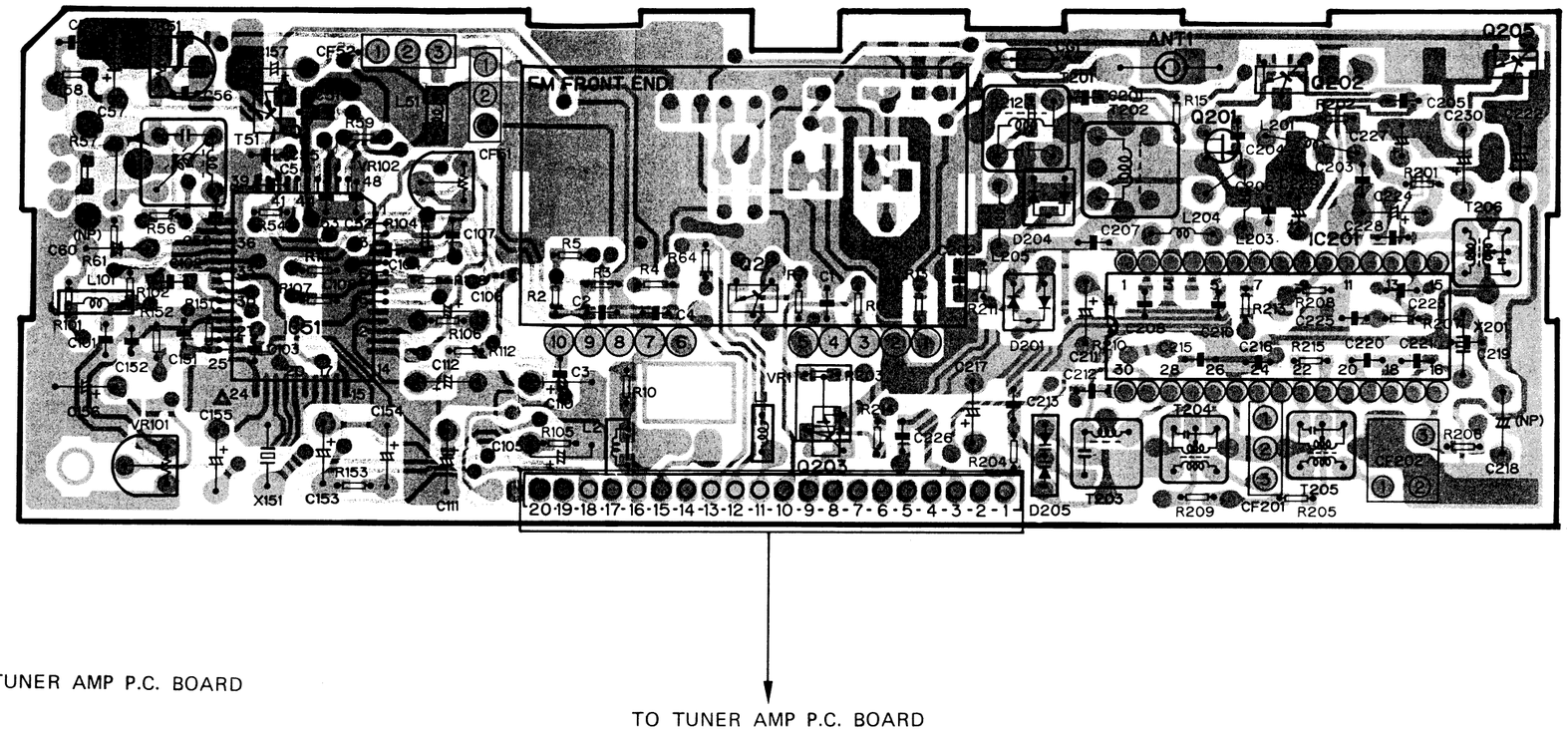
TO TUNER AMP P.C. BOARD

points for resistor
acitor fixed values
ressed as
2
-R022

Fig. 17

IC 201

1	2	3	4	5	6	7	8	9	10
	3.4V	0V	4.7V			6.9V	4.7V		
11	12	13	14	15	16	17	18	19	20
0V	2.3V	2.3V		3.6V	3.6V	4.6V	4.0V	5.3V	4.8V
21	22	23	24	25	26	27	28	29	30
8.2V	8.2V		3.3V	0V	8.2V	8.2V	5.4V		2.7V



TO TUNER AMP P.C. BOARD

IC 51

1	2	3	4	5	6	7	8	9	10	11	12
3.4V	0.7V	0.7V	0.8V		1.8V		8.5V	3.5V		3.4V	1.7V
13	14	15	16	17	18	19	20	21	22	23	24
1.1V	5.7V	8.5V	4.2V	4.2V	4.5V		5.4V	3.4V	4.1V	4.1V	4.3V
25	26	27	28	29	30	31	32	33	34	35	36
2.5V	2.5V	4.2V	3.3V				8.5V	4.2V		4.2V	2.8V
37	38	39	40	41	42	43	44	45	46	47	48
4.2V		4.2V	4.2V	1.0V		0.8V		2.1V	2.1V	2.1V	8.5V

Fig. 18

11. EXPLODED VIEW

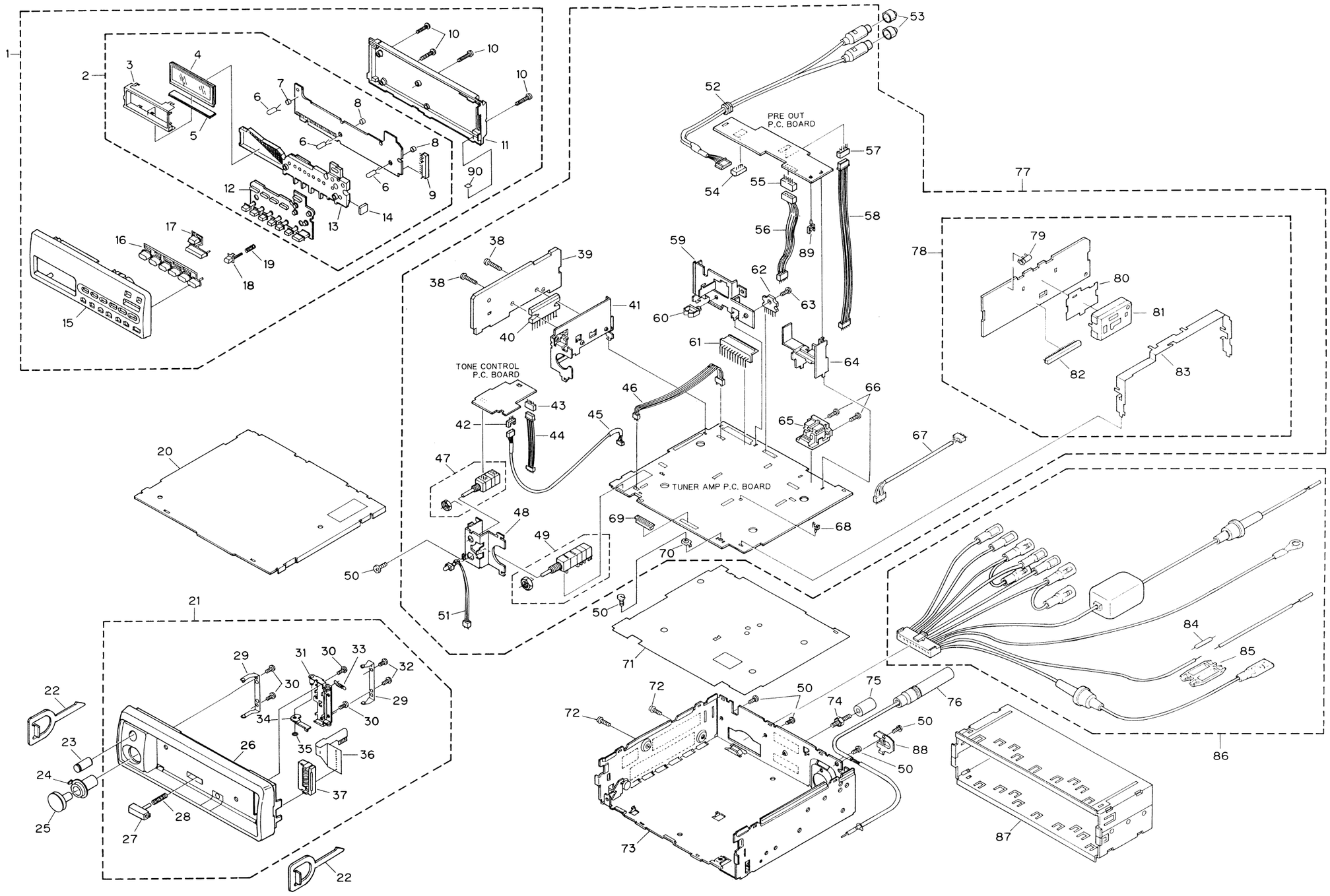


Fig. 19

NOTES:
- Parts
- Parts

● Parts

Mark No

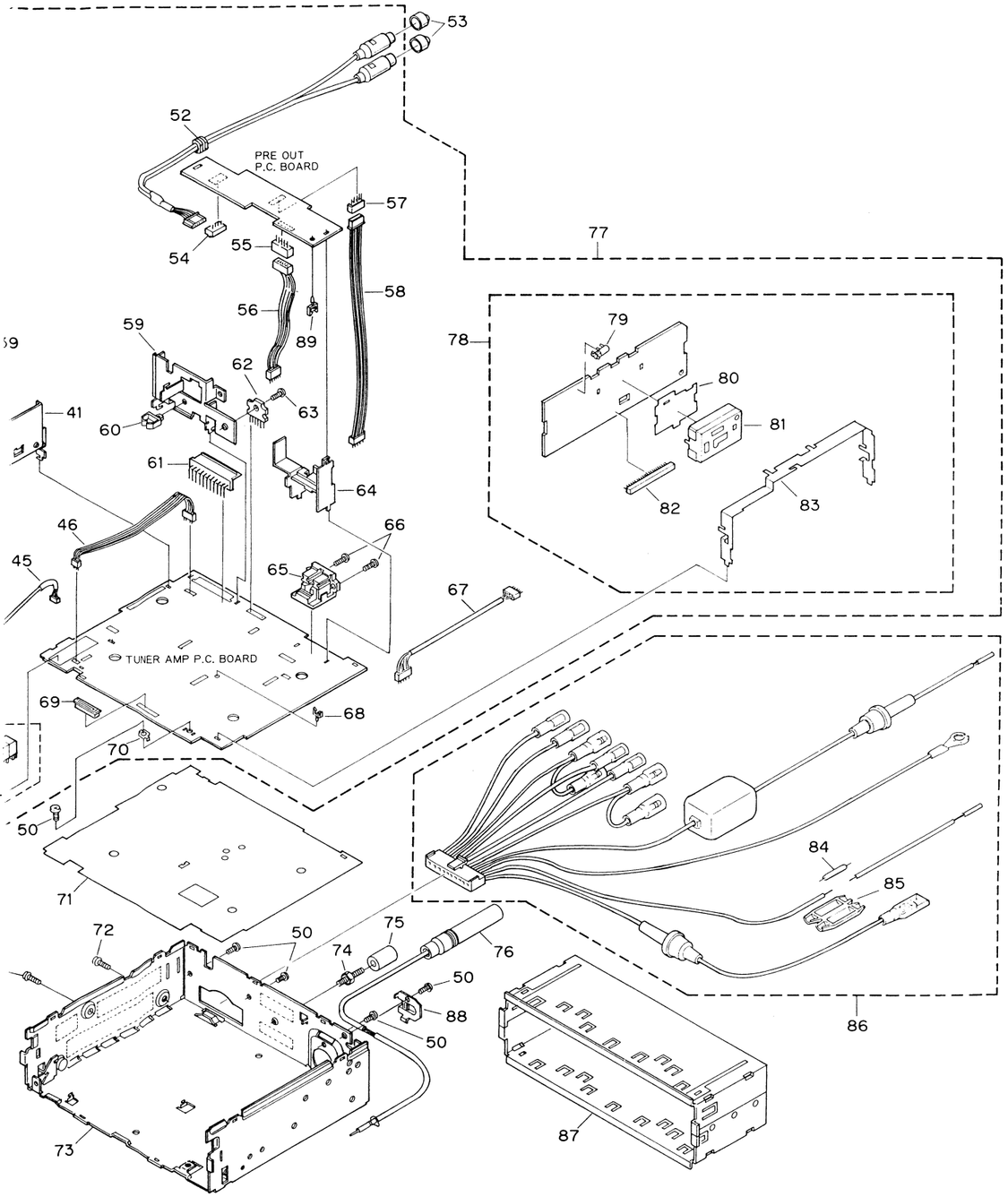


Fig. 19

NOTES:

- *Parts marked by "✱" or "✱" are generally unavailable because they are not in our Master Spare Parts List.*
- *Parts marked by "●" are not always kept in stock. Their delivery time may be longer than usual or they may be unavailable.*

● Parts List

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
	1	Detach Grille Assy	CXA4772		36	P.C.Board	CNP2984
◉	2	Key Boad Unit	CWM3095		37	Socket	CKS2293
✱	3	Holder	CNC4220		38	Screw	BSZ30P140FMC
	4	LCD	CAW1168	✱	39	Heat Sink	CNC3890
	5	Connector	CNV3076		40	IC(IC551)	TA8215H-A
	6	Lamp	CEL1249	✱	41	Holder	CNC4223
	7	Bush	CNW-855	✱	42	Plug(CN12)	CKS1666
	8	Spacer	CNW-662		43	Plug(CN20)	CKS1038
	9	Plug	CKS2292	✱	44	Connector(CN19)	CDE3643
	10	Screw	BPZ20P100FZK	✱	45	Connector(CN11)	CDE3421
	11	Cover	CNS2423	✱	46	Connector(CN17)	CDE3647
	12	Switch Unit	CXA4740		47	Volume	CCS1199
	13	Lens	CNV3101	✱	48	Holder	CNC4222
✱	14	Cushion	CNM3476		49	Volume	CCS1200
	15	Grille Unit	CXA4925		50	Screw	BSZ30P050FMC
	16	Button Unit	CAC3215		51	Lamp	CEL1269
	17	Button Unit	CAC3216		52	Connector(CN103)	CDE3648
	18	Button Unit	CAC3217		53	Cap	CNW-829
	19	Spring	CBH1446	✱	54	Plug(CN3)	CKS1238
✱	20	Case	CNB1506		55	Plug(CN10)	CKS1039
	21	Panel Assy	CXA4790	✱	56	Connector(CN9)	CDE3645
	22	Handle	CNC3664		57	Plug(CN14)	CKS1038
	23	Knob	CAA1305	✱	58	Connector(CN13)	CDE3644
	24	Knob	CAA1223	✱	59	Holder	CNC4224
	25	Knob	CAA1234	✱	60	Clamper	CNV1343
	26	Panel	CNS2496		61	Plug(CN1)	CKS-467
	27	Button	CAC3049		62	IC(IC951)	TA8214K
	28	Spring	CBH1440		63	Screw	BSZ30P100FMC
	29	Holder Unit	CXA5085	✱	64	Holder	CNC4225
	30	Screw	BPZ20P060FMC		65	Connector	CKS1832
	31	Holder Unit	CXA4687		66	Screw	BMZ26P050FMC
	32	Screw	BPZ20P025FMC	✱	67	Connector(CN8)	CDE3602
	33	Spring	CBH1395		68	Clamper	CNV1335
	34	Arm Unit	CXA4332	✱	69	Connector(CN4)	CKS1260
	35	Washer	CBF1037	✱	70	Holder	CNC2218

12. PACKING METHOD

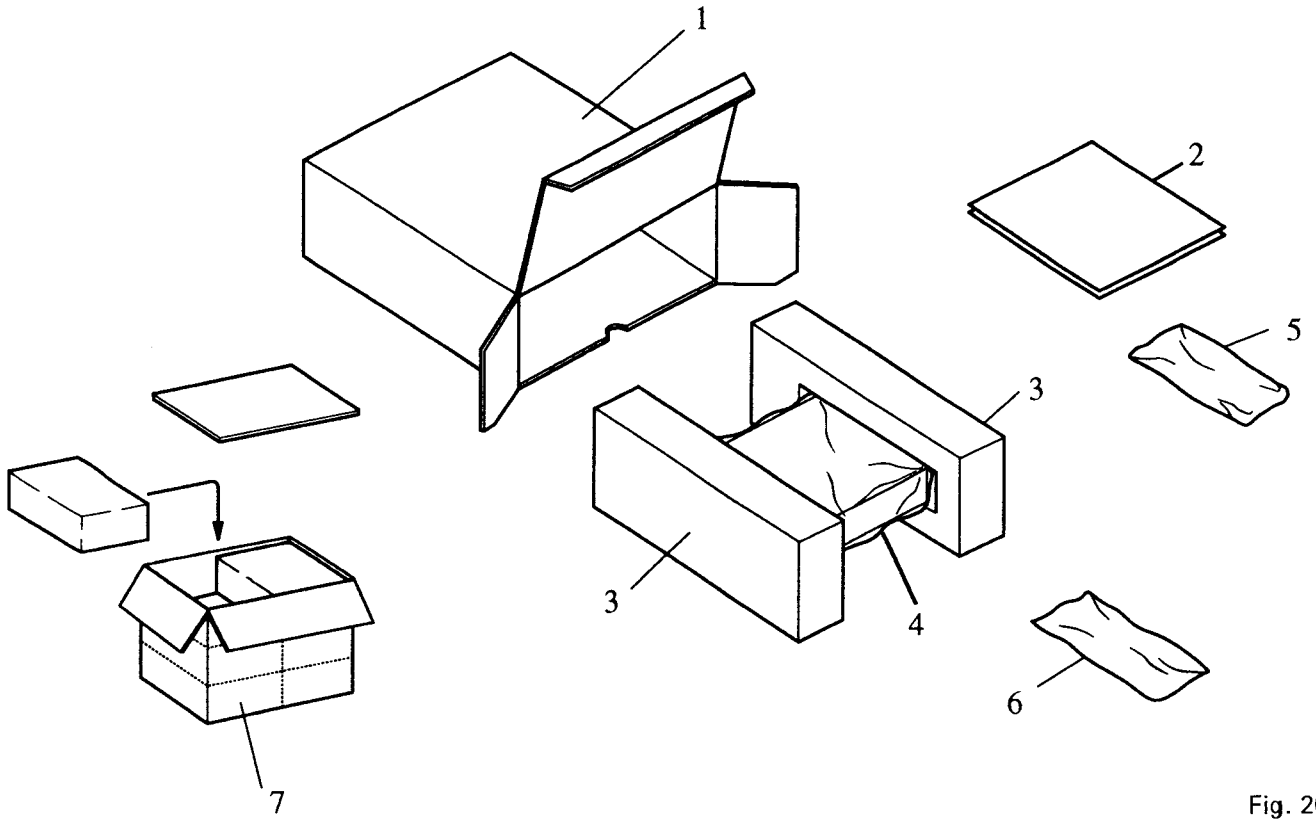


Fig. 20

●Parts List (GEH-M2000/UC)

Mark	No.	Description	Part No.
	1	Carton	CHG2213
	2-1	Owner's Manual	CRD1590
*	2-2	Card	ARY1048
	3	Protector	CHP1480
	4	Cover	CEG1092
	5	Cord Assy	CDE3111
	6	Accessory Assy	CEA1633
	6-1	Screw	CBA-102
	6-2	Screw	CBA1002
	6-3	Cord	CDE1289
*	6-4	Plyethylene Bag	CEG1011
	6-5	Handle(x2)	CNC3664
	6-6	Strap	CNF-111
	6-7	Nut(x2)	NF50FMC
	6-8	Bush	CNV1009
	7	Contain Box	CHL2213

●The GEH-M2000/EW,GEH-M2000SDK/WG,GEH-M2000/IT,GEH-M2050/ES Parts Lists enumerate the parts which differ from those enumerated inthe GEH-M2000/UC Parts List only.
The parts other than those enumerated in the former are indentical with those in the latter, to which you are requested to refer,accordingly.
The GEH-M2000/UC Parts List is given on page 48.

No.	Description	M2000/UC Part No.	M2000SDK/WG Part No.	M2000/EW Part No.	M2000/IT Part No.	M2050/ES Part No.
1	Carton	CHG2213	CHG2209	CHG2203	CHG2206	CHG2215
2-1	Owner's Manual	CRD1590	CRD1589	CRD1586	CRD1592	CRD1591
* 2-2	Card	ARY1048	CRY-602	CRY-602	CRY-602	・・・・・
2-3	Passport	・・・・・	CRY1013	・・・・・	・・・・・	・・・・・
5	Cord Assy	CDE3111	CDE3737	CDE3505	CDE3505	CDE3111
6	Accessory Assy	CEA1633	CEA1734	CEA1734	CEA1734	CEA1633
6-1	Screw	CBA-102	・・・・・	・・・・・	・・・・・	CBA-102
6-6	Strap	CNF-111	・・・・・	・・・・・	・・・・・	CNF-111
6-7	Nut	NF50FMC	・・・・・	・・・・・	・・・・・	NF50FMC
7	Contain Box	CHL2213	・・・・・	・・・・・	・・・・・	・・・・・

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
*	71	Insulator	CNM3322		81	FM Front End	CWB1035
	72	Screw	BSZ30P08	*	82	Plug	CKS1628
*	73	Chassis Unit	CXA4822	*	83	Holder	CNC2880
	74	Screw	CBA1002		84	Resistor	RS1/2P102JL
	75	Bush	CNV1009		85	Cap	CNS1472
	76	Antenna Cable	CDH1128		86	Cord Assy	CDE3111
◉	77	Tuner Amp Unit	CWM3086	*	87	Holder	CNC3342
◉	78	FM/AM Tuner Unit	CWE1225	*	88	Holder	CNC2913
	79	Antenna Jack	CKX1010		89	Clamper	CNV1335
	80	Insulator	CNM2105	*	90	Cushion	CNM3214

- The GEH-M2000/EW, GEH-M2000SDK/WG, GEH-M2000/IT, GEH-M2050/ES Parts Lists enumerate the parts which differ from those enumerated in the GEH-M2000/UC Parts List only.
  The parts other than those enumerated in the former are indentical with those in the latter, to which you are requested to refer, accordingly.
  The GEH-M2000/UC Parts List is given on page 46.

	No.	Description	M2000/UC Part No.	M2000SDK/WG Part No.	M2000/EW Part No.	M2000/IT Part No.	M2050/ES Part No.
	1	Detach Grille Assy	CXA4772	CXA4771	CXA4768	CXA4770	CXA4773
◉	2	Key Board Unit	CWM3095	CWM3093	CWM3093	CWM3094	CWM3095
	6	Lamp	CEL1249	CEL1208	CEL1208	CEL1228	CEL1249
	15	Grille Unit	CXA4925	CXA4924	CXA4923	CXA4923	CXA4926
	21	Panel Assy	CXA4790	CXA4789	CXA4789	CXA4789	CXA4789
	26	Panel	CNS2496	CNS2425	CNS2425	CNS2425	CNS2495
	51	Lamp	CEL1269	CEL1268	CEL1268	CEL1267	CEL1269
	52	Connector(CN103)	CDE3648	CDE3649	CDE3649	CDE3649	CDE3648
	55	Plug(CN10)	·····	CKS1039	·····	·····	·····
	56	Connector(CN9)	·····	CDE3645	·····	·····	·····
*	73	Chassis Unit	CXA4822	CXA4819	CXA4822	CXA4822	CXA4822
◉	77	Tuner Amp Unit	CWM3086	CWM3085	CWM3082	CWM3084	CWM3087
◉	78	FM/AM Tuner Amp Unit	CWE1225	CWE1227	CWE1228	CWE1228	CWE1226
	82	Plug	CKS1628	CKS1735	CKS1628	CKS1628	CKS1628
	86	Cord Assy	CDE3111	CDE3737	CDE3505	CDE3505	CDE3111
	89	Clamper	·····	CNV1335	·····	·····	·····